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Johnson's Seed Annual 1920

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Seeds that PRODUCE



JOHNSON'S SEED STORE
2133-35 EAST 9TH. ST. NEAR PROSPECT
CLEVELAND, OHIO.

Greetings to Our Friends and Customers

We are again afforded an opportunity of handing you a copy of our Seed Annual. It is more complete than ever before and we are sure you will find it covers every angle of your requirements for a successful, profitable and interesting garden, either vegetable or flower.

It is truly gratifying to us, to say the least, to note the effect on our business of our invariable rule to handle only such seeds as have proven thoroughly practicable as regards table and marketable value.

We all know the place the American War Garden held during the war, and since the armistice was signed, signifying peace, there has been little abatement in the planting of City gardens. The true value of a kitchen garden has been established, and we are sure you will be in line with your neighbor by having fresh vegetables on your table every day.

We are always glad to advise or suggest varieties of Flower or Garden seeds best suited to your particular conditions. Information at our Store or by mail is free and is given **CHEERFULLY**.

Yours for garden success,

JOHNSON'S SEED STORE.

Over thirty years' experience in growing and selling seeds has given us a thorough knowledge of all the requirements and details of the business, and those who entrust their orders to us may feel every confidence that they will have intelligent and careful attention.

Our local trade is a very important branch of our business and we give it careful attention. We are in a position to furnish practically everything needed in Flower, Vegetable or Farm Growing.

Our Clerks are courteous and know their business—being ready at all times to wait on you satisfactorily and to answer inquiries intelligently and cheerfully.

When making your first annual purchase, be sure to leave your mail address, so we can place our next Catalog in your hands promptly.

Gardeners' and Head-Farmers' Situations. We frequently have on file the names of practical gardeners and farm managers in want of situations. If parties desiring such will write us we shall be glad to put them in communication with men that we deem suitable. To aid us in making a selection we ask full particulars. We make no charge for this service.

Our Mail Order department receives careful attention and we are prepared with every facility for giving the best service.

The safest ways to remit are by Post Office or Express orders, Registered Letter, or Bank Draft. For small amounts Postage Stamps will be accepted.

Parcels Post. Seeds and Bulbs can be sent by Parcels Post, very cheaply and safely. Our catalog price includes prepayment of Postage by us on Packets, Ounces, quarter Pounds and Pints to any place in the United States.

By Express. Seeds, Bulbs and Plants are now entitled to Special Express Rates, which are considerably lower than rates on General Merchandise. We advise shipping by Express unless goods are too heavy.

By Freight. We deliver all shipments to Railroad Depots, and Boats free of charge—customers paying only actual freight charges.

Information Cheerfully Given. We make a specialty of giving, by letter, any information our customers require in Gardening Matters. Do not hesitate to call on us.

We Cannot Guarantee the Well-Doing of any seeds, plants or bulbs we send out, having no control over conditions—therefore:

Johnson's Seed Store gives no warranty, express or implied, as to description, purity, productiveness, or any other matter of any seeds, plants or bulbs they send out and they will not be in any way responsible for the crop. If the purchaser does not accept the goods on these terms they are at once to be returned.

SPECIAL REQUEST. Our business has grown to such an extent, we make the suggestion that, if possible, you will use the enclosed Order Sheet in making a list of your requirements, and either mail to us or leave at our store to be filled. This plan will insure the very best attention being given your order, and will save you time and patience when our store is crowded. We will have the necessary number of special clerks to put up your seeds, and they will make every effort to have your order filled and ready for you when you call. If you are not familiar with the best varieties, we shall be glad to make the selection for you if you will state which kinds of Vegetables or Flowers you desire.

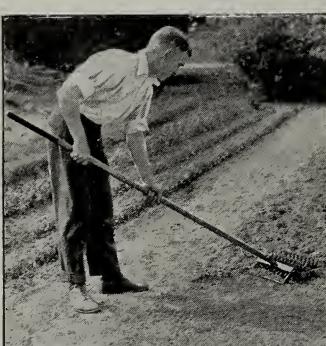
Yours for best possible service,

JOHNSON'S SEED STORE.

Cleveland, Ohio, Jan. 15, 1920.
2133 East Ninth St. near Prospect.

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Thorough Preparation for Seeding.

Too little care is given to the preparation of the seed bed, especially when planting flower seeds, or any small seeds. Pulverization of the soil is one of the main factors in promoting a strong germination and sturdy growth of the tiny plants.

Johnson's "Seeds That Produce"

Of Strong
Vitality and
Choice
Selected
Strains

IN THIS CATALOG we quote all of the standard and most profitable varieties of Vegetable and Flower seeds for Home and Market Gardening, as well as most of the "worth while" newer sorts. Prices Include Postage on packets, ounces and quarter pounds. It is Our Aim to handle only reliable stocks such as are true to name and have been tested for germination. We cater to Gardeners who are willing to pay a fair price for stocks of unequalled quality. Order Early. It is to your interest as well as ours.

Our Prices are
as Low as
Possible, Con-
sistent with
High Quality



This garden has more space devoted to it than most city lots could spare, but the picture demonstrates what can be done on either a large or small scale. One of the most essential requirements is cultivation with good tools. We carry a full line of Planet Jr. Cultivators and Seeders, and would be glad to help you select the proper tool for your conditions.

De Luc's New Golden Giant

New Golden Sweet Corn

Several new Golden Sweet Corns are now on the market in competition with the original sort Golden Bantam. In our opinion none of them are destined to supersede the good old Bantam, excepting the New Golden Giant we now offer. One fault of the Golden Bantam is its small size. Our new corn is just about double in size, while it is more productive in average number of ears per stalk and the quality is delicious. We urge all who like Golden Bantam to give the New Golden Giant a trial as it excels in size, productiveness and is fully equal in quality and earliness. Pkg., 15c; $\frac{1}{2}$ pt., 35c; pt., 60c.

Johnson's Bouquet Parsley

This New Parsley is so beautifully curled and crested that we have felt justified in calling it "Bouquet." Without doubt it is the most ornamental variety grown—and hence for garnishing has no equal. It is of dwarf compact habit of growth and its color is a most pleasing shade of green. Pkt., 10c; $\frac{1}{2}$ oz., 25c; oz., 45c.



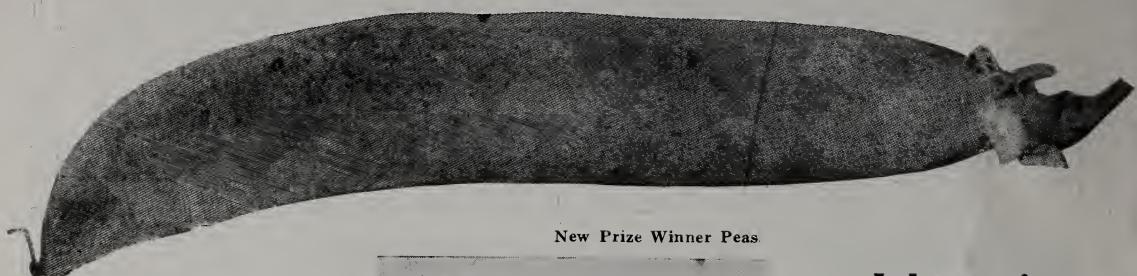
Johnson's Bouquet Parsley.

Johnson's "Home Table" Radish

A fine, bright-red Radish, growing quickly to large size. It is especially fine for bunching, being ready to market in from four to five weeks from the time the seed is planted in the open ground early in spring. This Radish is a deep globe in form; two inches in depth; one and one-half inches in diameter, with thin, tender skin of a deep crimson. The flesh is purest white, crisp, and of mild flavor. Pkt., 10c; oz., 20c.



De Luc's Early Golden Giant.



Johnson's New Prizewinner Peas

Johnson's New Prizewinner Pea produces its pods, which are of a rich dark green color, in 68 days from planting. Pods often measure 6 inches in length and contain from 9 to 11 peas of enormous size and of most tender and delicious quality. The growth is strong and healthy—about 20 inches high. It is astonishingly productive and no variety we know of will produce more pods or shell out in greater abundance. The color of foliage and pod is so unusually dark and healthy that it is always noticeable. No lover of Peas should fail to grow some of these. Pkg., 15c; ½ pt., 35c; pt., 60c; qt., \$1.00.

Johnson's New Dark Leaved Globe Beet

A splendid type of the blood-turnip variety, combining fancy table quality with beautiful globe shape. The dark foliage of this variety is a striking feature, while the corresponding rich, dark color of flesh and beautiful globe shape combine to make it an exceedingly attractive Beet. The quality is sweeter and finer than any other beet we know of. Pkt., 10c; oz., 35c; ¼ lb., \$1.00.

Long Cream Vegetable Marrow

The fruits are oblong in shape, skin smooth and creamy white. It is a vine sort and very productive. The Marrow Squashes are largely grown in England, and should be more generally used in this country, as the quality is exceedingly delicious, far superior to the ordinary summer Squash. They grow well anywhere if a liberal supply of manure is dug into the hills and plenty of moisture supplied. When the fruits are nearly half-grown the flesh is very tender and marrowy, and may be prepared for the table either cooked in same manner as ordinary squash or fried, in which manner it is far superior to the Egg Plant. Pkt., 15c; oz., 35c; ¼ lb., \$1.00.

Delicious Squash

An excellent variety for use during the fall and winter months; very fine grained, dry and sweet, in fact, it would be difficult to find a variety more suited for home use; as it is a combination of all desirable qualities and is finer grained and more delicious than the well-known Hubbard. The color of skin is green, with an occasional blue specimen; size about same as Hubbard, weighing from 5 to 10 pounds. The shell is not very thick, but is hard and strong; the flesh is thick and of a bright yellow color, fine-grained and of splendid quality. For table use, either as a fall or winter Squash, it cannot be excelled. Pkt., 10c; oz., 25c; ¼ lb., 75c; lb., \$2.50.

New Gold Lined Muskmelon

Growers of muskmelons, both for home use and for market, will be delighted with "Delicious Gold Lined." The melon is nearly round, and the skin is covered with a thick grayish netting, adding much to its appearance. The flesh is green, with slight golden tint next to the seed cavity, and the flavor is delicious, being remarkably sweet and juicy. Pkt., 10c; oz., 25c; ¼ lb., 70c; lb., \$2.25.

New Prize Winner Peas



Saxa Radish.

Johnson's New Saxa Radish

The Quickest Growing Round Red Sort.

This desirable, quick growing, red button radish produces its crop in 16 to 20 days. Round as a marble, having a very small top and tap root. The skin is a bright scarlet color, with firm white flesh, which is crisp, brittle and juicy. Adapted for forcing or out-door planting. Pkt., 10c; ounce 20c; ¼ lb., 60c.

Earliest White May Radish

This splendid white Radish will make a fine companion for the red variety described above, and produces the Radishes equally as early. It is mild and tender, and the beautiful white skin, together with uniform shape and size, make it all that could be desired. This variety will be greatly appreciated by those who prefer Radishes with a white skin. Pkt., 10c; oz., 25c; ¼ lb., 70c; lb., \$2.25.

Chinese Cabbage

Wong Bok.

This Wong Bok type of Chinese or Celery Cabbage is by far the best of its class—being shorter, heavier, and blanching up more easily and completely. The leaves of this sort are more curly than others which proves its tenderness and rich but mild cabbage flavor. Cultivation same as for Cabbage. It is tender as head lettuce and delicious for salads, cold slaw, etc., and when cooked quickly is far ahead of ordinary Cabbage. Pkt., 10c; ½ oz., 25c; oz., 40c.



Johnson's New Dark Leaved Globe Beet.



Improved Golden Wax.

Beans

Wax or Yellow Podded Bush Varieties

Culture. Bush Beans may be had throughout the season, by planting at intervals of two weeks, from the beginning of May until the middle of August; they should be planted in drills two feet apart and one inch deep.

Wardwell's Kidney Wax. A very popular variety of Wax Bean, bearing long, flat pods of a delicate waxy yellow, stringless and brittle, producing a heavy crop. The pods mature a little later than Golden Wax, but are produced in great abundance. Pkg., 10c; $\frac{1}{2}$ pt., 25c; pt., 40c; qt., 75c.

Davis Kidney Wax. The handsomest of all the early Wax Beans. The pods are long (seven inches), straight, very uniform and clear waxy white. Pkg., 10c; $\frac{1}{2}$ pt., 25c; pt., 40c; qt., 75c.

Improved Golden Wax. Counted by many to be superior to all others. This bean, introduced in 1876 still continues the standard variety for home use. The pods are long, nearly straight, broad, half-round, golden yellow, very fleshy and wax-like. They cook quickly as snap beans, and are of the highest quality. Pkg., 10c; $\frac{1}{2}$ pt., 25c; pt., 40c; qt., 75c.

Prolific Black Wax (Cylinder Pod). Dwarf bush growth and very prolific, one of the earliest. Pods four to five inches in length, usually curved, quite round; meaty, brittle, and stringless; deep golden yellow of excellent flavor. Pkg., 10c; $\frac{1}{2}$ pt., 25c; pt., 40c; qt., 75c.

Currie's Rust-proof Wax. An improvement on the old-fashioned Golden Wax, and ready about mid-season. Pods grow long, flat, very tender and of finest quality. Pkg., 10c; $\frac{1}{2}$ pt., 25c; pt., 40c; qt., 75c.

New Kidney Wax. Robust in growth and very prolific with long pods, entirely stringless, fleshy, and of fine quality. Pkg., 10c; $\frac{1}{2}$ pt., 25c; pt., 40c; qt., 75c.

Hodson Wax. A new and distinct Wax Bean of unusually healthy growth, which enables it to resist disease. The variety is remarkably prolific, with straight, oval pods, which are longer than almost any other garden sort. In season it follows Golden Wax and other standard sorts, thus giving a succession. On this account and because of its remarkable productiveness and beauty it is becoming very popular. Pkg., 10c; $\frac{1}{2}$ pt., 25c; pt., 40c; qt., 75c.

General List

Johnson's High Grade Vegetable Seeds For Home and Market Gardens

Asparagus

One of the finest and most delicious vegetables in Spring. No garden is complete without an Asparagus bed. Can be grown in any good garden soil and prefers sunny, moist location.

Argenteuil. Very popular in France, and extensively grown for the Paris market. The stalks grow to a mammoth size, sometimes weighing as much as 4 ounces each. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 30c. **Colossal.** The well-known standard sort. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c. **Columbian Mammoth White.** Large pure white. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c.

Palmetto. Earlier and larger than Colossal. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c.

We offer strong two-year-old roots of the following varieties: Columbian Mammoth White, Argenteuil, Palmetto and Conover's Colossal.

Any of the above Asparagus, 20c per doz., \$1.00 per 100, \$4.00 per 500, \$6.50 per 1,000.

Cultural Notes on Asparagus free on application.



Artichoke

Jerusalem (tubers). Qt., 25c; pk., \$1.00; bu., \$3.50.

Large Globe (Seed). The flower heads are cooked like Asparagus. Pkt., 10c; oz., 50c; $\frac{1}{4}$ lb., \$1.50.

Sure-Crop Stringless Wax Beans

A valuable variety of Dwarf Wax Bean, which, while not related to the well-known Currie's Rust-proof Wax, bears a great resemblance to it in plant, pod and bean. It is very productive, bearing large, handsome golden-yellow pods in great abundance, and being hardy, the seed may be planted early. Pkt., 10c; $\frac{1}{2}$ pt., 25c; pt., 40c; qt., 75c.



Wardwell's Kidney Wax.

Beans—Green-Podded Bush Varieties

Earliest Red Valentine. This variety is usually ready to pick in 35 days from time of planting. Pkg., 10c; $\frac{1}{2}$ pt., 20c; pt., 35c; qt., 65c.

Black Valentine. The pods are round, very fleshy and entirely stringless. Pkg., 10c; $\frac{1}{2}$ pt., 20c; pt., 35c; qt., 65c.

Bountiful. This one is the best of the flat-podded stringless varieties. The light green pods are 6 $\frac{1}{2}$ to 7 inches long, flat, slightly curved, absolutely stringless, attractive and of very fine quality. At the same time it is very early, vigorous, hardy and a heavy yielder. Pkg., 10c; $\frac{1}{2}$ pt., 20c; pt., 35c; qt., 65c.

Giant Stringless Green Pod. This Bean is absolutely stringless. Fine large round fleshy tender pod. As early as Six Weeks, with the advantage of being a better cropper. The plants are of strong growth, very productive, pods 5 inches long, light green, slightly curved, very meaty, being broadly rounded, saddle backed, and absolutely stringless. Pkg., 10c; $\frac{1}{2}$ pt., 20c; pt., 35c; qt., 65c.

Refugee, or Thousand to One. Very tender and productive. Splendid for late planting. Pkg., 10c; $\frac{1}{2}$ pt., 20c; pt., 35c; qt., 65c.

Burpee's Stringless Green Pod. This Bean is very early, productive, hardy and vigorous; the pods average about 5 inches long, straight, stout, round, crease-backed, and of a dark green color. They are tender, brittle, of the finest flavor and quality, and strictly stringless. Pkg., 10c; $\frac{1}{2}$ pt., 20c; pt., 35c; qt., 65c.

Red Kidney. This variety is extensively used by many people for baking. We have a prolific type that is very desirable. Pkg., 10c; $\frac{1}{2}$ pt., 20c; pt., 30c; qt., 50c; peck, \$3.00.

White Kidney. Excellent shell Bean. Pkg., 10c; $\frac{1}{2}$ pt., 20c; pt., 35c; qt., 65c.

Imp. Boston Pea or Navy. Choicest Northern grown seed. Pkg., 10c; $\frac{1}{2}$ pt., 15c; pt., 25c; qt., 40c; peck, \$2.50.

White Marrow. Fine early shell bean. Pkg., 10c; $\frac{1}{2}$ pt., 20c; pt., 35c; qt., 65c.

Improved English Broad Windsor. Large and productive, bushy habit; well podded from top to bottom of stem. Pkg., 10c; pt., 50c.



Bush Lima Beans

Bush Limas may be planted in rows 3 feet apart and 6 inches distant in the row, when soil is nice and warm.

Fordhook Bush Lima. Both pods and Beans much larger than those of any other Potato Lima. Habit of plant a strong, erect, bush-like growth. Pods borne in clusters of from four to eight, averaging four Beans to the pod. Exceedingly productive and of best quality. The best bush type of the popular Potato Lima. The pods, which are borne in great profusion contain three to five Beans of excellent flavor. Pkg., 10c; $\frac{1}{2}$ pt., 30c; pt., 50c; qt., 90c.

Henderson's Bush Lima. Very early and very productive. Pkg., 10c; $\frac{1}{2}$ pt., 30c; pt., 50c; qt., 90c.

Burpee-Improved Bush Lima. This is superior to any of the older forms of Bush Lima. Plant very vigorous and upright, attaining a height of 30 inches and 24 inches across. Pods often borne in clusters of five to eight and of enormous size. Beans are larger than those of any other variety; immensely productive and of the very best quality. Matures earlier than others. Pkg., 10c; $\frac{1}{2}$ pt., 25c; pt., 45c; qt., 90c.

Pole or Running Beans

Culture. A warm, sandy loam, enriched with well rotted stable or poultry manure is best. Must not be sown until the ground is warm and dry. When poles are used for support they should be set not less than 4 feet apart each way. Plant 4 to 6 beans to a pole, eyes down, 2 inches deep. When well started thin out to 2 plants to a hill. Cultivate frequently but shallow. Use 1 quart to 100 hills, 20 quarts to the acre.

Carpinteria Pole Lima. Beans are green colored and very tender. Pkg., 10c; $\frac{1}{2}$ pt., 25c; pt., 45c; qt., 80c.

Siebert's Early Lima. The earliest of the Pole Limas. Pkg., 10c; $\frac{1}{2}$ pt., 25c; pt., 45c; qt., 80c.

Early Leviathan Lima. Extra early and very popular. Pkg., 10c; $\frac{1}{2}$ pt., 25c; pt., 45c; qt., 80c.

King of the Garden Lima. A popular sort for main crop. Pkg., 10c; $\frac{1}{2}$ pt., 25c; pt., 45c; qt., 80c.

Large White Lima. The old standby. Pkt., 10c; $\frac{1}{2}$ pt., 25c; pt., 45c; qt., 80c.

Lazy Wife's. Immense cropper. Elegant for use dry or green. Pkg., 10c; $\frac{1}{2}$ pt., 35c; pt., 60c; 1 qt., \$1.00.

Kentucky Wonder, or Old Homestead. The best green podded pole sort for snap. Pkg., 10c; $\frac{1}{2}$ pt., 30c; pt., 50c; qt., 90c.

Kentucky Wonder Wax. A yellow-podded "Kentucky Wonder," which bears a large quantity of rich golden-yellow pods. The plant is exceedingly productive. Pods are thick, meaty, stringless, tender and of fine flavor. Pkg., 10c; $\frac{1}{2}$ pt., 35c; pt., 60c; qt., \$1.00.

Brussels Sprouts

Culture. Same as late Cabbage.

Improved Dwarf. A dwarf variety, producing numerous heads. Pkg., 10c; oz., 25c; $\frac{1}{4}$ lb., 90c.

Mangel Wurzel

Sow in May or June in drills 2 feet apart. When well started thin to 9 inches apart in the row. Cultivate shallow and often.

Golden Tankard. The root is quite large and of an almost cylindrical shape, narrowing abruptly at both ends. The skin is deep orange-red and the flesh is zoned with yellow and white. Very nutritious. Oz., 10c; $\frac{1}{4}$ lb., 30c; lb., \$1.00; in 10-lb. lots, 90c per lb.

Giant Long Red. This is the largest of all the Mangels. The root is 15 to 18 inches long, over 6 inches thick, and with a heavy shoulder. It grows one-half above the ground and is easily pulled. This yields enormous crops and is in heavy demand by all market-gardeners. Oz., 10c; $\frac{1}{4}$ lb., 30c; lb., \$1.00; in 10-lb. lots, 90c per lb.

Giant Half-Sugar Rose. The root of this variety is very large, smooth, and clean, of oval shape, growing one-half out of ground and is easily pulled. The skin is rose-white with a deeper rose colored top. The flesh is white and sweet and of high nutritive value. A heavy cropper. Oz., 10c; $\frac{1}{4}$ lb., 30c; lb., \$1.00; in 10-lb. lots, 90c per lb.

Sugar Beets

Vilmorin's Improved. The finest variety grown. Highest in nutritive value and in percentage of sugar. Very regular in shape; yields large crops and is recommendable for most soils. Oz., 10c; $\frac{1}{4}$ lb., 35c; lb., \$1.25; in 10-lb. lots, \$1.15 per lb.



Bountiful Bush Bean.

Garden Beets

For early supply sow as soon as the ground is in working order, in drills sixteen inches apart and one inch deep. When the plants are well forward, thin out to about four inches apart. For succession sow until August 15th.

Johnson's New Dark Red. This new Beet is recommended for table quality. See Specialties page one.

Crosby's Improved Egyptian. A very superior Extra Early strain of Garden Beet which has been carefully selected for years. This beet excels in handsome form, good size, small tops, very small tap root, fine quality, and above all quick, rapid growth. We highly recommend it. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 40c.

Johnson's New Wonder. This Beet is the result of many years of expert selection with a special strain of Crosby's as a basis. In this new beet we have perfect form, small tops and tap root, beautiful color, and extra early maturity. For forcing and bunching it is unequaled by anything on the market while the rich color, tenderness and flavor of the flesh make it extremely desirable on the table. Pkt., 5c; oz., 20c; $\frac{1}{4}$ lb., 50c.

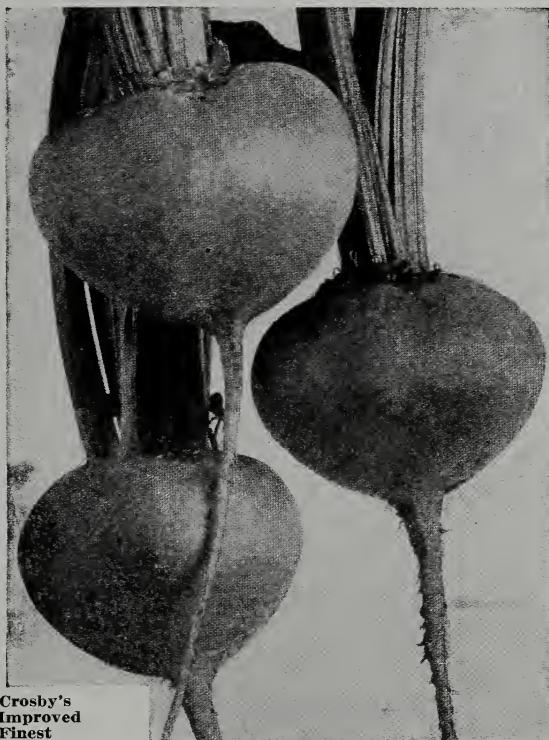
Detroit Dark Red. One of the most popular kinds for second planting. Also excellent for late crop and for canning. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 40c.

Extra Select Eclipse. Flesh deep blood-red, firm and sweet. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 40c.

Improved Early Blood Turnip. Good form, dark red, well flavored; a favorite for Summer and Winter use. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c.

Long Smooth Blood. Withstands drouth, very dark red. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 40c.

New Crimson Globe. Color is deep blood red; fine grained, and of unsurpassed quality. The foliage is small—leaves all grow from a very small crown in the top of the bulb. Pkt., 5c; oz., 20c; $\frac{1}{4}$ lb., 50c.



Crosby's
Improved
Finest
Market
Garden Sort.



Johnson's New
Wonder Beet.



Extra Select Chantenay Carrot.

Carrots

Carrots, to grow to perfection, require a rich, deep sandy loam, well pulverized and deeply cultivated. For an early crop sow in May and June in drills about 1 foot apart, thinning out to 3 inches in the row; sow for main crops in June and July.

Select Chantenay. (See illustration.) An excellent table variety, of a rich, dark orange color. In earliness it ranks intermediate between the Danvers and the Short Horn. It is of the style of the Danvers, but finer, and more symmetrical, and therefore better as a market carrot for the table. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 40c.

Extra Select Danvers. This is a broad-shouldered Carrot of cylindrical form about 8 inches in length by $2\frac{1}{2}$ inches in diameter at the shoulder. Color, orange-red; skin smooth; cooking qualities superb; in fact, no Carrot excels it in the essential qualities of uniform size, smoothness, sweetness, flavor and deep color. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 40c.

Selected Oxheart. Used largely for stock. Thick stump rooted. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 40c.

Early Scarlet Horn. Especially fine for bunching early in season. Pkt., 5c; oz., 20c; $\frac{1}{4}$ lb., 50c.

Improved Long Orange. Very popular for main crop; heavy yielder. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c.

Rubicon. Similar to Danvers, a little thicker. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 40c.

Large White Belgian and Large Yellow Belgian. Either sort. Pkg., 5c; oz., 10c; $\frac{1}{4}$ lb., 35c.

Cardoon

Cardoon is grown for the edible midrib of the leaf, which requires blanching in the same manner as celery. Sow sparingly, early in spring, in drills 1 inch deep and 4 or 5 feet apart; later, thin out the young plants to about 2 feet apart in the row.

Large Smooth Spanish. Grows about 4 ft. high. Pkt., 5c; oz., 25c; lb., \$3.00.

Swiss Chard

Used for greens. Also leaf ribs may be cooked and served like Asparagus. Prices, standard kind, pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 45c.

Swiss Chard New Giant Lucullus. A delicious variety having green leaves which are remarkably crimped and curled, like savoy-leaved cabbage. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 60c.

Cabbage

For very early use sow in January or February in hotbeds; prick out the plants into other hotbeds, or sow in hotbeds in March. Transplant to the open ground when danger from killing frost has passed, in rows 2 feet apart and 18 inches from plant to plant. For succession, sow in the open ground the last of March or early in April. The autumn and winter varieties may be sown early in May in shallow drills 3 or 4 inches apart; transplant early in July, making the rows about 2½ feet apart, and setting the plants 2 feet apart in the rows.

Copenhagen Market

This most valuable early Cabbage from Denmark, produces a large globe-shape head, which comes into market along with Early Jersey Wakefield. It is well known that Denmark is a great Cabbage and Cauliflower country, and our seed comes direct from the originator. Produces fine, large heads uniform in shape and size and very solid, with few loose leaves. Vigorous grower and an excellent keeper. Pkt., 10c; ½ oz., 50c; oz., 90c; ¼ lb., \$3.25.

Johnson's Premium Flat Dutch

Continued care and critical selection on the part of our grower have given us a very thoroughbred strain of this standard Cabbage. The heads are of the bluish green color, flat on top, and are solid and large. Has no useless outer leaves and grows low with short stem. Its cuts white and crisp, the flavor is excellent, with no stringiness. This strain is slightly earlier and quicker growing than most of the Premium Flat Dutch that is offered, and is quite free from a tendency to burst. We do not hesitate to recommend our stock to the largest growers, as it has been so long bred to a standard that it can truly be called a pedigree strain. Our seed has come from the same grower for over 20 years. Pkt., 10c; ½ oz., 30c; oz., 50c; ¼ lb., \$1.75.

New Chinese Cabbage, Wong Bok. This wonderfully improved Chinese Cabbage has such a delicate flavor that it has been variously named, "Odorless Cabbage," "Celery Cabbage," etc. We earnestly advise all who want something new and better, to try it. Grown same as Cabbage. Makes an extra fine salad. Pkt., 10c; ½ oz., 30c; oz., 50c; ¼ lb., \$1.75.

All Head Early. Quite early; very solid and a compact grower. Pkt., 10c; ½ oz., 30c; oz., 50c; ¼ lb., \$1.75.



Copenhagen Market Cabbage.

Select Early Jersey Wakefield. The standard early variety, conical in shape; medium-sized heads; very solid. Pkt., 10c; ½ oz., 30c; oz., 50c; ¼ lb., \$1.75.

Glory of Enkhuizen. Standard early variety of round headed type; grown to good size. Pkt., 10c; ½ oz., 40c; oz., 75c; ¼ lb., \$2.50. **Charleston Wakefield.** Not quite as early as the regular Jersey Wakefield, but the heads are considerably larger, very solid. Pkt., 10c; ½ oz., 30c; oz., 50c; ¼ lb., \$1.75.

Henderson's Early Summer. About ten days later than Jersey Wakefield; large, solid flat heads of superior quality. Pkt., 10c; ½ oz., 30c; oz., 50c; ¼ lb., \$1.75.

Succession. About one week later than Early Summer, but is double the size; very uniform and a sure header. One of the finest mid-season Cabbages grown. Pkt., 10c; ½ oz., 30c; oz., 50c; ¼ lb., \$1.75.

All Seasons (Selected). Whether for medium early, main crop or late use, this is unsurpassed by any other sort. Pkt., 10c; ½ oz., 30c; oz., 50c; ¼ lb., \$1.75.

Large Late American Drumhead. One of the largest, most solid, and best keeping late varieties. Pkt., 10c; ½ oz., 30c; oz., 50c; ¼ lb., \$1.75.

Perfection Drumhead Savoy. For Winter use, this variety is unsurpassed; heads large and solid, very tender and of excellent flavor. Pkt., 10c; ½ oz., 30c; oz., 50c; ¼ lb., \$1.75.

Mammoth Red Rock. The largest and most reliable heading red cabbage yet introduced; round, solid heads of deep red color. Pkt., 10c; ½ oz., 40c; oz., 75c; ¼ lb., \$2.50.

Danish Ball Head, Short Stem. Direct from best grower in Denmark. Pkt., 10c; ½ oz., 40c; oz., 75c; ¼ lb., \$2.50.

Volga or Early Stonehead. Splendid for either early or fall planting. Very solid. Pkt., 10c; ½ oz., 30c; oz., 50c; ¼ lb., \$1.75.



Johnson's Premium Flat Dutch Cabbage.

Cauliflower

Cauliflower succeeds well in any soil where Cabbages will grow. It delights in a rich soil and abundance of water. By sowing the early varieties in a hotbed in February or March, fine heads can be obtained in May or June. For a later supply sow seed in a prepared bed in May, choosing a cool, moist place. When large enough, transplant, making the rows about 2½ feet apart and 18 inches between the plants. Transplanting should be done in moist weather.

We challenge comparison of our Cauliflower seed with stock offered by any one. It comes from the most reliable growers in Denmark and no expense is spared to get the best.

Gilt Edge Snowball. Very early and compact. Most reliable for heading. Genuine Denmark grown. Pkt., 15c and 25c; ¼ oz., \$1.25; ½ oz., \$2.25; oz., \$4.00.

Early Dwarf Erfurt. This is a very reliable and popular variety, when our select seed is used. We handle only the best seed grown. Heads very white, compact and close. Pkt., 15c and 25c; ¼ oz., \$1.10; ½ oz., \$2.00; oz., \$3.75.

Danish Giant or Dry Weather. Quite early and will succeed when other sorts fail. Pkt., 25c; ½ oz., \$1.25; ½ oz., \$2.25; oz., \$4.00.

Early Favorite. This is a second early, exceedingly hardy, easily grown sort.

It is perhaps the best sort for the inexperienced grower, as it will head under conditions in which many sorts would fail. The large heads are crisp, tender and of fine quality. It keeps in condition for use a long time. Pkt., 10c; oz., \$1.50; 2 oz., \$2.50; ¼ lb., \$4.50.



Gilt Edge Snowball.



Johnson's Perfect White Spine Cucumber.

Cucumbers

Culture. Flourish best in a rich, warm, sandy loam. Sow when danger of frost is over, in hills 4 to 5 feet each way. As the young plant has many enemies sow thickly half an inch deep, and thin out finally to three or four plants to the hill. Use one ounce of seed to 75 hills; two or three pounds to the acre. Gather cucumbers by cutting, not by tearing. Leave none to ripen if you want a full crop. Use Bug Death or Slug Shot to keep down bugs.

Johnson's Perfect White Spine. (See illustration above.) This is the finest type of White Spine in cultivation. Perfect shape and dark green color. The result of many years' selection. Pkt., 5c; oz., 20c; 1/4 lb., 50c.

Extra Long or Evergreen White Spine. Vines are of vigorous growth with large, heavy foliage, thus resisting attacks of insects, etc. Our strain is the result of years of careful selection for uniformity and prolificness. Pkt., 5c; oz., 15c; 1/4 lb., 40c.

Arlington White Spine. Very popular strain of White Spine. Our seed is very select. Pkt., 5c; oz., 15c; 1/4 lb., 40c.

Boston Pickling or Green Prolific. The favorite for pickles. Rather short dark green. Pkt., 5c; oz., 10c; 1/4 lb., 35c.

Jersey Pickling. Extremely productive and very popular. Pkt., 5c; oz., 10c; 1/4 lb., 35c.

Johnson's Selected Davis' Perfect. A long type of cucumber, of rich, dark green color and handsome shape. Our stock is very select. Pkt., 5c; oz., 20c; 1/4 lb., 65c.

Improved Long Green. A late variety especially adapted for pickles. Deep green color and pleasant flavor. Pkt., 5c; oz., 15c; 1/4 lb., 40c.

Klondike. A most excellent table sort for slicing. Few seeds very tender and of fine flavor. It is also unexcelled for pickling. Pkt., 5c; oz., 15c; 1/4 lb., 40c.

Chicago Pickling. Handsome shape, medium size. Pkt., 5c; oz., 10c; 1/4 lb., 35c.

Japan Climbing. Fine for home use. Long, slim shape. Pkt., 5c; oz., 20c.

West India Gherkin. For pickling. Fruit is prickly. Pkt., 5c; 1/2 oz., 15c; oz., 25c.

Rollison's Telegraph. For greenhouse forcing. Pkt., 25c.

Carter's Model. For greenhouse forcing. Pkt., 25c.



Chicory

Whitloof. Known in restaurants as French Endive. Sown in May and June in drills. Transplant or thin to 6 inches; treat as Endive, except that late in summer or fall it should be gradually banked up like celery. The stalks, when blanched, make a delicious salad. It may also be allowed to grow in the garden until the tops die down, leaving a root somewhat like a parsnip. These are taken into a shed and kept in a heap of soil away from frost and light, to be transferred to a hothouse when needed to produce their blanched heads during winter. Pkt., 10c; oz., 35c; 1/4 lb., 90c.

Celery

Sow very early in Spring in moist, rich ground, when the plants are from 4 to 6 inches high transplant into trenches 4 inches deep, 9 inches wide, and 3 feet from trench to trench; set the plants 6 inches apart in rows.

Golden Self-Blanching. Strictly French Grown seed. We are very proud of the showing made by our stock of Golden Self-Blanching in the Cleveland markets last season. Its rich yellow color is very attractive. It is of dwarf, compact habit and blanches readily. Pkt., 10c; 1/2 oz., 65c; oz., \$1.25; 1/4 lb., \$4.50.

Columbia. Stalks are thick, almost round, and resemble Giant Pascal in shape, but are of a rich, yellow color, similar to the well-known Golden Self-blanching. It matures early and its exceedingly fine flavor and crispness will please the most critical. Pkt., 10c; oz., 50c; 1/4 lb., \$1.50.

Emperor. Noted for solidity and pronounced nutty flavor. Pkt., 10c; 1/2 oz., 30c; oz., 1/4 lb., \$1.75.

New Easy Blanching. This fine new Celery is about two weeks later than Golden Self Blanching, but blanches much easier and much superior in quality. Pkt., 10c; 1/2 oz., 65c; oz., \$1.25.

Winter King. Noted for its long-keeping qualities. The plant makes a healthy growth, producing stout stalks, which blanch up beautifully, and the quality and flavor are excellent. Pkt., 10c; oz., 40c; 1/4 lb., \$1.25.

Giant Pascal. Strictly French Grown seed. No other sort equals Giant Pascal for Winter use at home and for nearby markets. It is too crisp for shipping. The stalks are remarkably large, thick, solid and entirely stringless. Very crisp and brittle, snapping like glass. Pkt., 5c; 1/2 oz., 30c; oz., 50c; 1/4 lb., \$1.75.

Henderson's White Plume. A most popular variety, requiring very little banking up; fine flavor, and very tender. Pkt., 5c; oz., 30c; 1/4 lb., 75c.

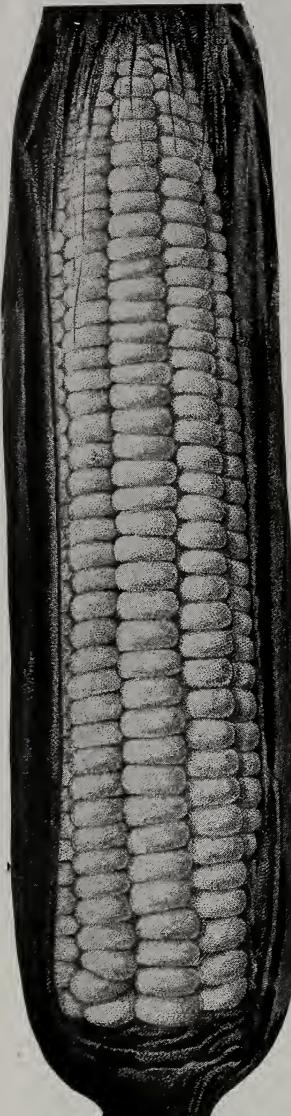
Turnip Rooted Celery. This is used for flavoring and is in wide demand. Culture is the same as Celery. As the roots are the edible portion, it requires no hillings. Pkt., 5c; oz., 25c; 1/4 lb., 60c.

Chervil

Curled. Leaves used for flavoring soups. Pkt., 5c; oz., 10c; 1/4 lb., 25c.

Collards

Georgia. Pkt., 5c; oz., 20c; 1/4 lb., 60c.



Golden Bantam Corn.

See page 1 for description of De Luc's New Golden Giant Sweet Corn.
A fine succession for Golden Bantam.

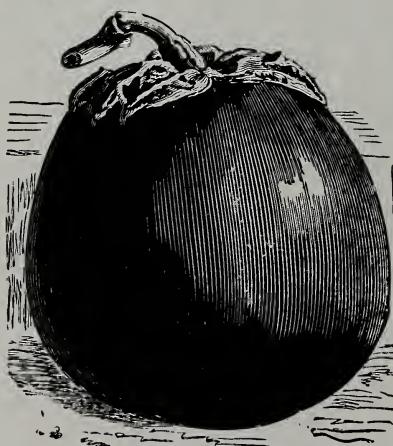
Egg Plant

For best results, Egg Plants require rich soil, moisture and warm weather. Sow in gentle heat from middle March to middle April. Transplant from June 1st to June 15th, setting the plants about 3 feet apart each way.

Johnson's New Purple Tokyo. This is the finest sort for home use. Extra early, surprisingly prolific, quality splendid. The small size makes them much more advantageous for home use. Pkt., 10c; $\frac{1}{2}$ oz., 50c.

Black Beauty. A splendid sort about two weeks earlier than New York Improved. Color, dark rich purple. Pkg., 10c; $\frac{1}{2}$ oz., 30c; oz., 50c; $\frac{1}{4}$ lb., \$1.75.

Johnson's Select New York Purple. The most popular main crop sort, fruit being largest and handsomest of all. Very solid, of rich shining deep purple color. Pkg., 10c; $\frac{1}{2}$ oz., 30c; oz., 50c; $\frac{1}{4}$ lb., \$1.75.



New York Improved Egg Plant.

Sweet Corn

The Sweet or Sugar varieties, being liable to rot in cold or wet ground, should not be planted before May, or until the ground has become warm; for a succession continue every two weeks, until the middle of July, in hills 3 feet apart each way, covering about half an inch, and thin out to 33 plants to a hill.

Earliest Mayflower. This is a ten to twelve rowed corn, larger than Mammoth White Cory and from three to five days earlier. Three seasons' trials of this splendid sort have convinced us that it is the coming extra early Corn. Pkg., 10c; $\frac{1}{2}$ pt., 20c; pt., 35c; qt., 50c.

Golden Bantam. Produces ears measuring about five inches, but the smallness of ears is fully made up by the deliciously sweet flavor and tender quality of the Corn when cooked. By all odds the finest extra early variety when quality is considered. Pkg., 10c; $\frac{1}{2}$ pt., 20c; pt., 30c; qt., 50c.

Kendel's Early Giant. Large, handsome ears of fine quality, very early. Pkg., 10c; $\frac{1}{2}$ pt., 20c; pt., 30c; qt., 50c.

Howling Mob. A large eared early sweet corn, ready for use about five days later than Mammoth White Cory, generally producing two good ears to a stalk, averaging 7 to 9 inches long, with 12 to 14 rows of pearly-white grains. The stalks grow 4 to 5 feet high. An excellent home or market sort. Pkg., 10c; $\frac{1}{2}$ pt., 20c; pt., 30c; qt., 50c.

Mammoth White Cory. Considered one of the best early Sweet Corns. It produces stalks about four feet high, each generally bearing two large, finely shaped ears which become fit for use in about 72 days. They are 12 rowed, six to seven inches long, very symmetrical and handsome, seldom with any opening between the rows at the base. Grain large, broad, very white and of remarkably good quality for such an early sort. Its size and beauty give it ready sale even when the market is overstocked. Pkg., 10c; $\frac{1}{2}$ pt., 20c; pt., 30c; qt., 50c.

Black Mexican. When in table condition the grains are pure white and quality delicious. Pkg., 10c; $\frac{1}{2}$ pt., 20c; pt., 30c; qt., 50c.

Early Evergreen. Ripens about ten days earlier than Stowell's Evergreen, ears large and uniform. Pkg., 10c; $\frac{1}{2}$ pt., 20c; pt., 30c; qt., 50c.

Stowell's Evergreen. The most popular variety grown, ears large and very sweet. Pkg., 10c; $\frac{1}{2}$ pt., 20c; pt., 30c; qt., 50c.

Country Gentleman. The finest of all sweet corns for the table, and when once used no other sort is quite good enough. A very heavy husk protects this Corn which retains its tenderness and keeps it "in the milk" a surprisingly long time. Ears average eight to nine inches in length; cobs small and grain very deep. Pkg., 10c; $\frac{1}{2}$ pt., 20c; pt., 30c; qt., 50c.

Pop Corn

Monarch White Rice. This is the best Pop Corn for home or market. Select Ears. Lb., 30c; 3 lbs., 75c; 10 lbs., \$2.25.

Cress

Curled or Pepper Grass. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 50c.

True Water Cress. Pkt., 10c; oz., 35c.

Corn Salad

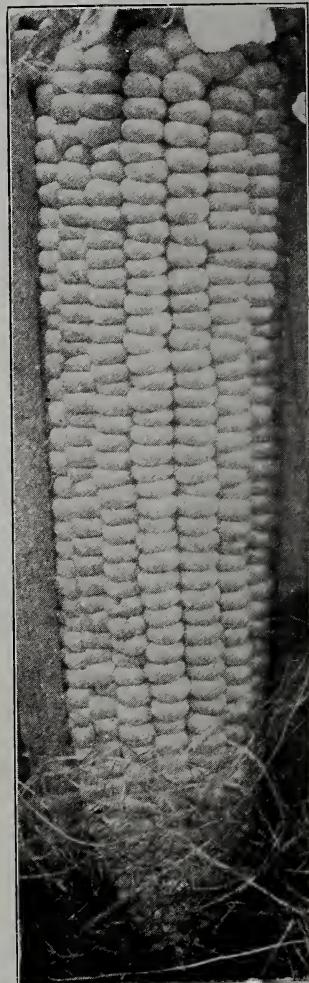
Large Round Leaved. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 50c.

Dandelion

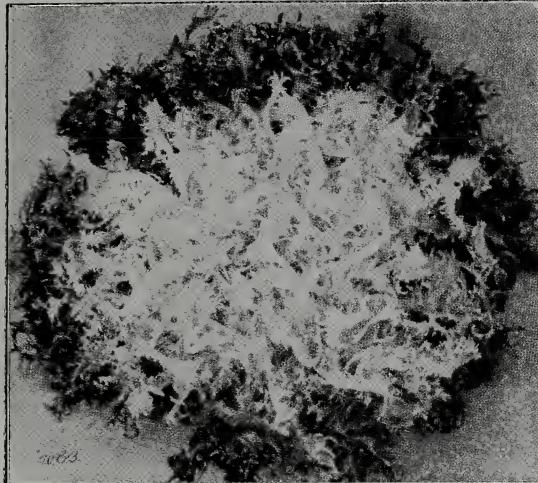
Improved Thick Leaf. Pkt., 10c; oz., 50c; $\frac{1}{4}$ lb., \$1.75.

Dill

Long Island Mammoth. We carry only the very best obtainable stock of Dill Seed. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 50c.



Earliest Mayflower Corn.



Green Curled Endive.

Endive

One of our best salad plants, especially valuable for winter use. For a first crop, sow about the middle of April; for succession, small sowings may be made every month until August, when the main planting is made. Set out the plants one foot apart.

Green Curled. A hardy, vigorous growing endive with bright deep green leaves. The dense mass of deeply divided leaves formed in the center blanches very readily to a rich cream color. This sort is highly esteemed for the home garden, and is much used for salads. Pkt., 5c; oz., 20c; 2 ozs., 35c; $\frac{1}{4}$ lb., 60c.

White Curled. Blanches rapidly and is very tender. Pkg., 5c; oz., 20c; 2 ozs., 35c; $\frac{1}{4}$ lb., 60c.

Broad Leaved Batavia (Escarolle). Leaves long and broad, thick and succulent. One of the choicest salads. Pkt., 5c; oz., 20c; 2 ozs., 35c; $\frac{1}{4}$ lb., 60c.

Kale, or Borecole

Sow about middle of April in well prepared beds covering thinly and evenly. Plant out in July like Cabbage and give same culture.

Dwarf Green Curled Scotch. Very hardy, nicely curled. Most popular sort. Pkg., 5c; oz., 25c; $\frac{1}{4}$ lb., 75c.

Siberian (German Greens). Dwarf curled; bluish green; very hardy. May be sown in August. Pkt., 5c; oz., 20c; $\frac{1}{4}$ lb., 65c.

Tall Scotch. Grows tall and very curly. Pkt., 5c; oz., 20c; $\frac{1}{4}$ lb., 65c.

Kohl Rabi

(One ounce produces 2,500 plants.)

If you have never grown Kohl Rabi, you should try it this year. It is a most excellent vegetable, intermediate between the cabbage and turnip. Cultivate like cabbage and, when young, cook like turnips.

Early White Vienna. Flesh clear white, outside greenish white. Most popular. Pkt., 10c; $\frac{1}{2}$ oz., 30c; oz., 50c.

Early Purple Vienna. Same as above excepting skin is purple. Pkt., 10c; $\frac{1}{2}$ oz., 30c; oz., 50c.

Large Green. A late, very large-growing sort with immense bulbs, stems and leaves. Pkt., 5c; oz., 40c.

Horse Radish Roots

Maliner-Kren. This new variety from Bohemia is larger, earlier and whiter than the common kind. We highly recommend it. Doz., 25c; 50, 75c; 100, \$1.25.

Common Variety. Very choice sets grown by an expert. Doz., 15c; 100, \$1.00.

Garlic Sets

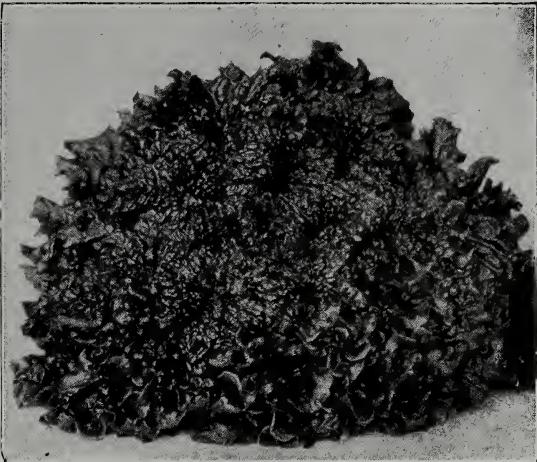
This is extensively used in many places for flavoring soups, stews, etc. The sets should be planted early in Spring. Cultivate like onions. $\frac{1}{4}$ lb., 30c; lb., \$1.00.

Rhubarb Roots

We handle heavy, divided roots, of which we have a fine stock, and we offer as follows: 10c each; \$1.00 per doz.



Horse Radish.



Black Seeded Simpson Lettuce.

Lettuce

Lettuce thrives best in a light, very rich, moist soil. For first crop sow in gentle heat in February, and transplant to 10 inches apart. For a Summer supply sow thinly in shallow drills 18 inches apart, and transplant or thin out, leaving a foot between the plants. Sowing may be made from April to the end of August.

Butter-Head Varieties

Big Boston. Fine for forcing in coldframes or for early outdoors. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 50c.

Dreer's Allheart. Splendid for greenhouse forcing or for very early outdoor heads. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 50c.

Burpee's Wayahead. A new and very desirable early heading sort for outdoor culture, in the home garden. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 50c.

French Unrivaled. This is similar to Big Boston excepting that the leaves are solid green and not tinged at edges. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 50c.

California Cream Butter. A splendid Cabbage Lettuce; outside leaves light green, inside crystal white, with yellow heart. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 50c.

Tennis Ball. The best heading variety for use under glass. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 50c.

Hanson Improved. Heads large, and stands the Summer well. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 50c.

Improved Salamander. Large heads that stand the drought and heat longer than any other. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 50c.

Mammoth Black-Seeded Butter. A large head of splendid quality. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 50c.

May King. Extra large, round solid heads. Very early. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 50c.

Trianon Self-Closing Cos. Leaves long, narrow, forming close upright heads. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 50c.

Paris White Cos. Very early, requires tying to blanch. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 50c.

Loose-Leaved Varieties

Grand Rapids Forcing. Crisp and tender; leaves frilled. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 50c.

Early Prize Head. A large clustering lettuce, most excellent for the home garden and the most easily grown variety in cultivation. Too tender to stand handling on the market. The leaves are very crisp, tender and sweet. Pkt., 5c; oz., 20c; 2 ozs., 35c; $\frac{1}{4}$ lb., 55c; lb., \$1.75.

Black Seeded Simpson. (See illustration). One of the best for sowing outdoors. Exceedingly tender. The color is an attractive light yellowish green. The leaves are ruffled and blistered and even the large outer ones are very tender and remain of excellent quality a very long time. Pkt., 5c; oz., 20c; 2 ozs., 35c; $\frac{1}{4}$ lb., 55c; lb., \$1.75.

Leek

Sow as early in Spring as practicable, in drills one inch deep and one foot apart. When six or eight inches high, transplant in rows ten inches apart each way.

Large American Flag. The most desirable for family use. Pkt., 10c; $\frac{1}{2}$ oz., 25c; oz., 40c; $\frac{1}{4}$ lb., \$1.25.

Carentan. A very large variety of superior quality. Pkt., 10c; oz., 40c; $\frac{1}{4}$ lb., \$1.25.



Emerald Gem.

Melon, Musk

After all danger of frosts is over, and the ground has become warm and dry, plant in hills 4 to 6 feet apart each way, 6 to 12 seeds to a hill. When up, and all danger of insects has passed, pull out all but 3 plants. Cultivate until the vines cover the ground, and pinch the ends of the growing shoots to induce early fruiting.

Honey Dew. This new sort is well worthy of a trial by all who love Muskmelons. Where climate and soil suits, its quality is magnificent. It has created sensations wherever high class hotels have served it. Became famous in one season. We offer strictly high grade seed. Pkt., 10c; ½ oz., 20c; 1 oz., 35c.

Selected Osage. Well suited to sandy soil. Yellow flesh, fine quality. Pkt., 5c; oz., 10c; ¼ lb., 30c.

Paul Rose. Fine for clay soil. Salmon flesh, size medium. Very early. Pkt., 5c; oz., 10c; ¼ lb., 20c.

Irondequoit. Fruit large; well netted; early and of exquisite quality; salmon flesh. Pkt., 5c; oz., 15c; ¼ lb., 45c.

New Fordhook. Salmon flesh, flattish shape, well netted, flesh thick, very early. Pkt., 5c; oz., 10c; ¼ lb., 25c.

Emerald Gem. (Salmon flesh.) This beautiful melon is early and prolific. The skin is smooth, of a deep emerald green color. The flesh is thick and firm, ripening almost to the rind. Well adapted to Northern Ohio. Noted for its high quality. Pkt., 5c; oz., 10c; ¼ lb., 30c.

Tip Top. Select Stock. Good size, superb quality salmon flesh. Our stock is fine. Pkt., 5c; oz., 10c; ¼ lb., 35c.

Ex. Ea. Hackensack. Standard extra early sort. Green flesh. Pkt., 5c; oz., 10c; ¼ lb., 30c.

Netted Gem or Rocky Ford. The melon which made Rocky Ford famous. Small, early, green flesh. Pkt., 5c; oz., 10c; ¼ lb., 30c.

Sutton's Windsor Castle (English Forcing). The best green fleshed variety. Pkt., 50c; 3 pkts., \$1.00.

Carter's Blenheim Orange (English Forcing). The best scarlet fleshed variety. Pkt., 50c; 3 pkts., \$1.00.

Melon, Water

Cole's Early. Very early. Large heart, flesh of fine texture and good flavor. Rind thin. Pkt., 5c; oz., 15c; ¼ lb., 40c.

Ice Cream. Exquisite quality; red flesh; medium size; quite early. Pkt., 5c; oz., 15c; ¼ lb., 30c.

Sweetheart. Large, very fine flavor, solid, fine shipper. Pkt., 5c; oz., 15c; ¼ lb., 30c.

Phinney's Early. The finest of all the early maturing melons of medium size and oblong shape. The rind is thin. The red flesh is very sweet and tender. The vine is productive and a sure cropper, the melons maturing early. Adapted to all sections, and does exceptionally well in the Northern States. The very quickest sort to mature. Pkt., 5c; oz., 15c; ¼ lb., 30c.

Pearless. Very similar to Ice Cream. Quality fine. Pkt., 5c; oz., 15c; ¼ lb., 30c.

Kleckley Sweet. A new melon. Very popular. Long, dark, exquisite quality. Pkt., 5c; oz., 15c; ¼ lb., 30c.

Citron. For preserving. Very hardy and productive. Good keeper. Pkt., 5c; oz., 15c; ¼ lb., 30c.

Parsley

Culture. Soak seed for several hours and sow in border or frame. Thin the rows or transplant to 8 inches each way. Use one ounce of seed to 150 feet of drill. Make open air sowing in April.

Johnson's New Deep Curled. See page 2.

Champion Moss Curled. A choice, selected strain, with beautifully crimped and curled leaves. Pkt., 5c; oz., 15c; ¼ lb., 40c.

Hamburg Turnip-Rooted. The root, which resembles a small parsnip, is the edible portion of this variety. Extensively grown and used for flavoring soups, etc. Pkt., 5c; oz., 20c; ¼ lb., 50c.

Onion

Ohio Yellow Globe. Our seed of this finest of all Yellow Globe Onions is grown in Lake Co., Ohio, by one of the most expert onion men in the state. The strain is distinguished by a distinct, attractive shape and a handsome bright even yellow color.—ripens early and all at once; neck very small, and cure down to almost nothing. The firm, solid bulbs are excellent winter keepers, and all that can be desired in size and quality; yielders—800 bushels per acre are frequently grown on rich onion land. This is a superb onion for all classes of soil and especially good for all northern Ohio onion sections on account of quick maturing. Prices of select stock grown in Northern Ohio. Pkt., 5c; oz., 30c; ¼ lb., \$1.00.

Large Red Weatherfield. Not extra early, but very large, flat; red sort. Pkt., 5c; oz., 20c; ¼ lb., 60c.

Southport Red Globe. Select Stock. Immense yielder. Very popular where our genuine seed is used. Pkt., 5c; oz., 35c; ¼ lb., \$1.00. **Yellow Globe Danvers.** Select stock. The standard sort so long in use. Good keeper and yielder. Pkt., 5c; oz., 25c; ¼ lb., 90c.

Mammoth Yellow Prizetaker. American Grown seed. Grows very large and handsome. White flesh, mild flavor. Pkt., 10c; oz., 30c; ¼ lb., \$1.00.

Southport White Globe. A globe magnificent shape white variety, very popular. Pkt., 10c; ½ oz., 20c; oz., 45c; ¼ lb., \$1.50.

Southport Yellow Globe. Handsome, globe-shaped sort of large size, yellow skin, white flesh, fine grained, mild, firm and good keeper. Has yielded 1,000 bu. per acre. Pkt., 5c; oz., 25c; ¼ lb., 75c.

White Portugal. Very early, flat white sort. Mild flavor. Largely used for growing sets. Pkt., 10c; oz., 35c; ¼ lb., \$1.25.

White Queen. Used to produce pickling Onions. Pkt., 10c; ½ oz., 25c; oz., 45c; ¼ lb., \$1.50.



Onion Sets

Sets will produce green onions much quicker than seed. As soon as the ground can be worked in Spring, set in rows 1 foot apart and three inches in the row. For succession continue planting every two weeks.

White Bottom Sets. Mild. Very popular. Qt., 30c.

Yellow Bottom Sets. Preferred by many on account of stronger flavor. Qt., 25c.

Egyptian Winter Sets. Plant in August and September for use late in fall and following Spring. Very hardy. Qt., 30c.

Mustard

Sow thickly during early Spring, in shallow drills 12 inches apart. For Fall use, sow in September.

New Chinese. An excellent sort with large leaves. Easily prepared. Pkt., 5c; oz., 10c; ¼ lb., 30c.

White English. Leaves used for salads while young. Pkt., 5c; oz., 10c; ¼ lb., 30c.

Southern Giant Curled. The large leaves, which often measure 14 inches, are ready for use in about six weeks after sowing. Plants will continue to yield until frosty weather. Leaves are eaten boiled like Spinach. Pkt., 5c; oz., 15c; ¼ lb., 40c.

Okra

Sow after the middle of May, or early in June, in rich soil in drills about an inch deep and 3 feet apart; thin out to 8 inches.

White Velvet. Tender white pods, smooth, and velvety appearance. Pkt., 5c; oz., 10c; ¼ lb., 30c.

Perkin's Mammoth. The long pods measuring 4 and 5 inches are produced in great quantities. The appearance is handsome, of green color and best quality. Pkt., 5c; oz., 10c; ¼ lb., 30c.

Garden Peas

Peas mature earliest in a light, rich soil; for general crop, a rich deep loam is the best. When grown in gardens sow in double rows six to eight inches apart, the rows two to four feet apart, the tall ones requiring brush. Commence sowing Alaska and First and Best as early as the ground can be worked in February or March; and continue with other sorts for a succession every two weeks until June. One quart for 8 rows 10 feet long.

Early Varieties

Of these early varieties, the Alaska and First and Best are noted for extreme earliness but not for best quality. Should be planted as soon as soil can be worked.

Alaska. The very earliest sort. Sometimes called First of All. Pkt., 10c; pt., 35c; qt., 60c.

First and Best. Being a round, hard-shelled variety it can be sown when frost is barely out of the ground. Height, 2½ feet. Pkg., 10c; pt., 35c; qt., 60c. **Gradus or Prosperity.** An Extra Early wrinkled Pea, hardy, early and profitable.

This remarkable Pea is one of the most widely known varieties in cultivation. The vine is about 24 inches in height on good soil. The pods are borne abundantly. As many as 8 to 10 peas of the largest size and most luscious quality are found in each pod. For the home garden it is perfectly adapted, on account of earliness and quality. Pkg., 10c; pt., 45c; qt., 80c.

New Extra Early Pilot. The pods and peas are nearly as large as those of Gradus, while they are produced—as early as the smooth-seeded extra-earlies. Pkg., 10c; pt., 35c; qt., 65c.

American Wonder. Early sort; height 10 to 12 in. Pkg., 10c; pt., 35c; qt., 65c. **Nott's Excelsior.** An improvement on American Wonder, being as early and pods decidedly larger. Height, 14 inches. Pkg., 10c; pt., 35c; qt., 65c.

Sutton's Excelsior. The finest early large podded dwarf wrinkled pea. 1½ feet. Pkg., 10c; pt., 45c; qt., 80c.

Laxtonian. 15 to 18 inches high, very large pods, similar to Gradus in shape. Quality splendid. Highly recommended. Pkg., 10c; pt., 45c; qt., 85c.

Thomas Laxton. The plant is a very hardy and strong grower, producing extra large size pods in abundance. The quality is delicious and cannot be surpassed by any other variety. Pkg., 10c; pt., 45c; qt., 80c.

Little Marvel. New and a great acquisition. Height, 15 inches. Peas deep green, extra early, large pods, heavy cropper. Pkg., 10c; pt., 45c; qt., 80c.

Pioneer. One of the earliest of the wrinkled peas; robust in habit and bearing an abundance of handsome dark green pods well filled with large peas of fine quality. Height, 1½ feet. Pkt., 10c; pt., 45c; qt., 85c.

Peter Pan. Height, 15 to 18 inches. The largest podded of the dwarf varieties. Pods 4½ to 5 inches long; dark green in color, and well filled with large Peas of superb quality. Very productive. Pkt., 10c; pt., 45c; qt., 85c.

Second Early and Medium Varieties

Carter's Daisy. Pods containing 8 to 9 large wrinkled Peas equal to telephone pods. Sometimes called Dwarf Telephone. Pkg., 10c; pt., 40c; qt., 75c.

Advancer. Prolific, well-filled pods, tender and delicious. 2 feet. Pkg., 10c; pt., 30c; qt., 50c.

Premium Gem. A medium early green wrinkled Pea, which is exceedingly prolific. Height, 12 inches. Pkg., 10c; pt., 30c; qt., 50c.

Alderman. A remarkably strong growing, main crop variety of the Telephone type, with enormous dark green pods, containing 8 to 10 large, wrinkled Peas of immense size; very tender and luscious. 4 to 5 feet high. Pkg., 10c; pt., 40c; qt., 75c.

Telephone. Immensely productive and of the finest quality. The pods are of large size, containing 6 to 7 Peas, which are of pale green color, of delicious flavor. 3½ feet. Pkg., 10c; pt., 45c; qt., 85c.

Duke of Albany. Prolific, upright and branching in habit, large pods well filled with extra large green peas. Height, 3½ feet. Pkg., 10c; pt., 45c; qt., 85c.

Johnson's New Prizewinner. The very top notch for table quality. See under specialties page 2.

General and Late Crop

Dwarf Defiance. Very large pods, dark green. Peas large and very sweet. Pkg., 10c; pt., 45c; qt., 85c.

Improved Stratagem. Pods of immense size, filled with very large dark green Peas of the finest quality; height, 18 inches. Pkg., 10c; pt., 45c; qt., 85c.

Pride of the Market. A dwarf Pea of vigorous habit and very productive. Pods large, medium green, containing 7 to 9 Peas of fine quality. 2 ft. Pkg., 10c; pt., 35c; qt., 65c.

Champion of England. A popular wrinkled variety, of delicious flavor; profuse bearer. Peas are large and very tender. 5 feet. Pkg., 10c; pt., 35c; qt., 65c.

Large White Marrowfat. Large well-filled pods. Height, 5 feet. Pkt., 10c; pt., 25c; qt., 40c.

Black-eye Marrowfat. Extensively grown as Field Peas. Hardy, productive, and bears well-filled pods. Height, 4 feet. Pkt., 10c; pt., 25c; qt., 40c.

Canada Field. Will quote lowest possible prices on application. Choicest Northern Michigan grown.

Potlatch. You cannot afford to overlook this splendid main crop variety. The vines require no brushing, the pods are immense in size and fullness, have no superiors in quality, and packed with peas that are sweet and rich flavored.

Pkt., 10c; pt., 45c; qt., 85c; 10 lbs., \$3.25.

Pumpkin

Usually grown in corn. Very useful for stock. **Connecticut Yellow Field.** The common yellow sort. Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., \$1.00.

Small Sugar. Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., \$1.00.

Cushaw. Very sweet. Pkt., 5c; oz., 15c; ¼ lb., 50c.

Large Cheese. Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., \$1.00.



Thomas Laxton.

Pepper

Sow early in hotbed but do not transplant until weather is warm and settled as they are very tender. Select warm, sandy soil well enriched for best results.

Ruby King. Large, mild flavored. Pkt., 10c; ½ oz., 35c; oz., 65c; ¼ lb., \$2.25.

Sweet Mountain. Standard sort; very sweet. Pkt., 10c; ½ oz., 35c; oz., 60c.

Early Neapolitan. A great market variety on account of its earliness and productiveness. Two weeks earlier than Bull Nose. The fruit is of good size, growing on a vigorous stalky plant. The flesh is quite thick and mild. Color a light green changing to a bright red when ripe. Pkt., 10c; ½ oz., 30c; oz., 55c; ¼ lb., \$1.75.

Red Squash, or Tomato Shaped. Fruit small, flat, glossy dark red, early, very productive, thick fleshed and sweet. Becoming more popular every season. Pkt., 10c; ½ oz., 50c; oz., 85c.

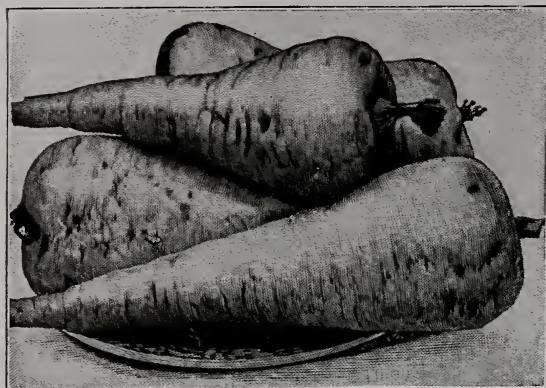
Large Bell or Bull Nose. Earliest sweet pepper. Pkt., 10c; ½ oz., 35c; oz., 60c.

Long Red Cayenne. Small, long, slim, very hot. Pkt., 10c; ½ oz., 35c; oz., 60c.

Red Chili. Small, bright red; very hot. Pkt., 10c; ½ oz., 35c; oz., 60c.

Chinese Giant. Largest of all. Very mild. Pkt., 10c; ½ oz., 40c; oz., 75c.

Perfection Pimento. This new pepper is especially desirable for the home garden both green and ripe. It is so smooth and uniform in shape that the skins can be easily slipped off by scalding a few seconds in hot water. The hull or meat is from two to three times as thick as that of the old "Bell" types. In quality it is very sweet and delicious and entirely free from pungency. Color is a beautiful scarlet red. Pkt., 10c; ½ oz., 40c; oz., 75c.



Improved American Hollow Crown Parsnips.

Parsnip

Culture. Parsnips do the best in deep, rich, sandy soil, but will make good roots on any soil which is deep and mellow and moderately rich. As the seed is sometimes slow to germinate it should be sown as early as possible; cover one-half inch deep, and press the soil firmly over the seed; give frequent cultivation and thin the plants 6 or 8 to the foot. One ounce will sow 150 feet of drill; 5 lbs., one acre.

Improved American Hollow Crown. An improved strain of the old standard Hollow Crown. This has been selected for handsome form, whiteness of skin and flesh, firm, solid texture, good size, uniform shape and freedom from tendency to side roots. Pkt., 5c; oz., 20c; $\frac{1}{4}$ lb., 50c.

Mushroom Spawn

HAVE FRESH MUSHROOMS ON YOUR TABLE
EVERY DAY.

Pure Culture (in bricks). The finest quality. This is vastly more dependable than the old style of English Milltrack Spawn, and costs but little more. Bricks, 35c each; 10 bricks, \$3.00. Ask for prices for large lots. Free Leaflet on Mushroom Culture on request.

Seed Potatoes

Our Potatoes are all Choice Northern Grown, especially for seed purposes. The following prices are based on values existing at the date of going to press with this catalog in December. We are often able to make material reductions during the winter or spring to purchasers of large lots. Correspondence invited, and we suggest that you either call at our store or let us quote by letter, when you are ready to buy. Prices subject to change.

Irish Cobbler

The tubers of this splendid extra early sort are oblong in form with very shallow eyes and nearly pure white skin. In earliness this variety stands very near the head of the list. Its table quality can hardly be excelled and its shape is very advantageous for cooking quickly, either by baking or boiling. The tops die down as soon as the crop is matured, so that the potatoes may be dug and the land planted to second crops. $\frac{1}{2}$ pk., 60c; pk., \$1.10; bu., \$4.00.

Lawn Seed. We make a specialty of the finest Lawn Seed mixtures obtainable. We have our own formulas for all our different mixtures, and the mixing is done in a special room away from all other seeds.



Early Bovee

Almost as early as Extra Early Ohio. In competitive trials with other early sorts it has out-yielded them all. Vine dwarf and stocky. Tubers grow close together in the hill. $\frac{1}{2}$ pk., 60c; pk., \$1.10; bu., \$4.00.

Extra Early Ohio

Our Genuine Extra Early Ohios are now well known to our old customers but for the benefit of those who have not tried them we wish to say that our seed is grown with just as much care as is bestowed on Pedigree Seed Corn. It is astonishing how much mixed and "run down" stock is annually foisted on Market Gardeners by unscrupulous dealers. We challenge comparison with the best seed offered anywhere. $\frac{1}{2}$ pk., 60c; pk., \$1.10; bu., \$4.00.

Early Rose

We have genuine stock of this first-class standard variety. $\frac{1}{2}$ pk., 60c; pk., \$1.00; bu., \$3.90.

Carman No. 3

Doubtless the most popular late potato and certainly one of the most worthy. It yields great crops of fine large, smooth potatoes, even under the most unfavorable circumstances. It grows a very strong upright top with dark colored stalks and purple blossoms and is little affected by drought, blight or bugs. $\frac{1}{2}$ pk., 60c; pk., \$1.00; bu., \$3.50.

Green Mountain

A well known late variety which is suitable for planting in various soils, even producing fair crops on soils which are not in high fertility. The tubers grow to a fairly large size, flesh is white and of good quality. $\frac{1}{2}$ pk., 60c; pk., \$1.00; bu., \$3.50.



Carman No. 3 Potato.

Radish

To be crisp and tender, Radishes must grow quickly; whenever growth is checked by drought or cold weather, they become tough and pithy. Rich, light, sandy soil suits them best. For the forcing crop, sow seeds in hotbeds in rows 5 to 6 inches apart and thin the plants as the ground becomes warm. Seed of winter varieties should be sown in midsummer. Summer varieties are best adapted for general crop. An ounce of seed will sow about 75 feet of drill.

Earliest Sorts

Improved Scarlet Globe. This new radish has a remarkable ability to bear the heat necessary for rapid growth without becoming pithy or losing flavor. As shown in the illustration, it is of surpassing beauty as regards shape and color. The flesh is crisp, tender, juicy and mild. The color is a rich scarlet. It has a small top and the roots are surprisingly uniform in shape and size. We offer only the most carefully grown seed. See cut. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 50c.

Crimson Giant Turnip. A round radish of large size for so early a variety. The roots are nearly globe-shaped, of beautiful crimson-carmine color and most excellent quality, often growing one and three-fourths inches in diameter before becoming pithy. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 50c.

Early Scarlet Turnip. A well-known and highly esteemed variety. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 50c.

Early Round Dark Red. Same shape as the Scarlet Turnip, darker in color. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 50c.

Prussian Globe. Very rich red globe for forcing. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 50c.

Fireball. Extra early round dark red for forcing. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 50c.

French Breakfast. A favorable sort, mild and crisp. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 50c.

White Tipped Scarlet Turnip. For early planting in frames or outdoors. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 50c.

Model White Box. Its beautiful pure white makes it very useful for mixing with other sorts. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 50c.

Rosy Gem. An extra early strain of White Tip Scarlet Turnip, adapted to forcing. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 50c.

Cincinnati Market. The finest long Red Radish in cultivation, either for house or the market. (See illustration.) Skin scarlet colored, very thin, the flesh crisp, brittle and of delightful flavor. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 40c.

Long Scarlet Short Top. Very long and crisp. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 40c.
Icicle. A beautiful waxy white, long-rooted Radish, gradually tapering down from the shoulder which is about $\frac{5}{8}$ inch in diameter. The roots are usually 5 or 6 inches long and have small tops. This is the earliest of the long rooted early summer white sorts, desirable for outdoor planting and for forcing. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 50c.

Summer Sorts

White Stuttgart. Shape like a turnip; skin and flesh both white, excellent Summer variety. Pkt., 5c; oz., 20c; $\frac{1}{4}$ lb., 60c.

Long White Vienna, or Lady Finger. Pure white in color, of long tapering shape. Pkt., 5c; oz., 20c; $\frac{1}{4}$ lb., 60c.

Large White Summer. Large size and fine form. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 50c.

Improved Chartier. The color at the top is crimson, running into pink about the middle, and from thence downward is pure white. Splendid for summer use. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 50c.

Winter Sorts

Rose China. Bright rose color; fine for Winter use. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 50c.

Round Spanish. Fine for Winter use. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 50c.

Celestial. Flesh white and crisp; fit to use early in the Fall. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 50c.

California Mammoth White Winter. A white-fleshed Radish of excellent quality. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 50c.

Rhubarb

Sow the seed early and when the plants are large enough, thin them to 4 or 5 inches apart. The next spring or fall transplant 3 feet apart each way in deep, rich soil.

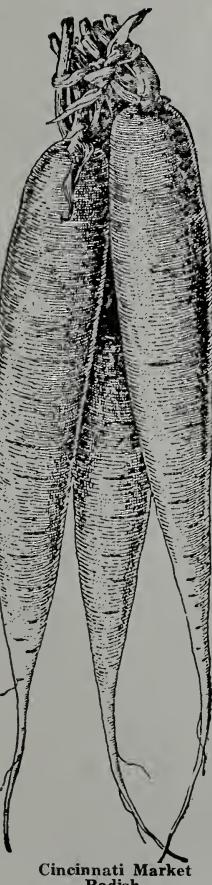
Victoria. The standard sort in use everywhere. Pkt., 5c; oz., 20c; $\frac{1}{4}$ lb., 60c.

Rhubarb Roots. Each, 10c; doz., \$1.00.

Sorrel

Culture. Used for soups and salads on account of its pleasant acid flavor. Sow seed in any good garden soil, in shallow drills a foot apart. Thin plants to a few inches apart and remove seed stalks as soon as they appear.

Large-leaved Garden. Pkt., 5c; oz., 30c; $\frac{1}{4}$ lb., 85c.



Cincinnati Market Radish.



Icicle Radish.



Improved Scarlet Globe Radish.



Spinach.

Spinach

Improved Thick Leaf. (Viroflay.) Produces large, thick, bright green crumpled leaves of fine quality; very slow in running to seed; one of the best market sorts. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c.

Victoria. Very heavy, broad, deep green, crumpled leaves; of fine, succulent quality; it stands in prime condition long after other varieties have bolted to seed, rendering it especially valuable for spring sowing and summer use. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c.

Long Standing Prickly Seeded. Matures a little later than the round seeded sorts. The plant is very large, very vigorous and hardy, and yields a large quantity of leaves, thick and uniformly green. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c.

Long Season. All that its name implies. Leaves thick, tender and succulent. Dark green. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c.

New Zealand Summer. Growing rapidly in favor. Can be cut many times. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 45c.

Squash

Sow the Summer Varieties in same manner at same time as early Cucumbers and Melons, in hills 3 to 4 feet apart, and Winter Varieties about June 15th in hills 6 to 8 feet apart.

Early White Bush Scallop. A well-known Summer variety; flesh tender and delicate. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 50c.

Early Yellow Bush Scallop. Early, flat, deep orange, with smooth rind. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 50c.

Giant Yellow Summer Crookneck. Best sort for Summer; very early, productive. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 50c.

Golden Custard Bush. Dark rich golden-yellow; quality excellent. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 50c.

Fordhook. One of the best Winter varieties; bright yellow outside with straw-yellow flesh; very productive, wonderful keeper. Pkt., 5c; oz., 20c; $\frac{1}{4}$ lb., 60c.

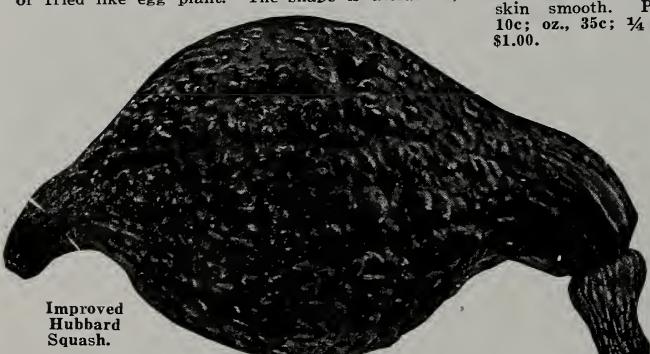
Golden Hubbard. Shape same as old-fashioned Hubbard, but skin is rich orange color. The flesh is deep golden-yellow. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 50c.

Mammoth Chili. Grows to an immense size, sometimes weighing considerably over 100 pounds; valuable for table use. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 50c.

Improved Hubbard. Well-known and liked for late use; of superior quality; large size; color dark green. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 50c.

Warted Hubbard. Large; dark green. Shell very hardy, covered with warted knobs. Very thick-fleshed, finest quality. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 50c.

Vegetable Marrow Long Cream. This vegetable is largely sown by gardeners in England, but may be grown here equally as well, providing a liberal quantity of manure is dug into the hill and plenty of moisture supplied. Fruits are oblong in shape, and should be eaten when less than half grown, at which time the flesh is very tender and may be cooked like ordinary squash or fried like egg plant. The shape is attractive, color creamy-white, and skin smooth. Pkt., 10c; oz., 35c; $\frac{1}{4}$ lb., \$1.00.



Improved Hubbard Squash.

Table Turnips

For early use sow as soon as the ground can be prepared, in drills 15 inches apart, and thin the plants to stand 8 inches apart. Sow for succession at intervals of a fortnight, until the last week in July, and from that time onward until the last of August sow for main crop. The sowing should always be made just before a rain, if possible, as the success of the crop depends, in a great measure, upon quick germination and rapid growth of the young plants. An ounce of seed will sow 150 feet of drill; two pounds will sow an acre.

Purple Top White Globe. This is one of the handsomest and most salable Turnips. Very desirable for either home or market gardens. It is a large, rapid growing sort, with globular shaped roots. Flesh is pure white and the top bright purple. On account of its shape it will outyield any other sort and is always a sure cropper. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 50c.

White Egg. Shape nearly oval, flesh firm, smooth and white skin, mild and very sweet. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 50c.

Extra White Milan. Extra early white of most delicate flavor and tempting appearance. Pkt., 5c; $\frac{1}{2}$ oz., 15c; oz., 25c; $\frac{1}{4}$ lb., 75c.

Red Top Strap Leaf. A standard sort extensively grown for private use. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 50c.

Long White, or Cow Horn. A quick-growing, long variety, flesh fine-grained, and sweet, excellent for table use. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 50c.

Early Purple Top Milan. Earliest of all purple-topped Turnips. Pkt., 5c; oz., 25c; $\frac{1}{4}$ lb., 75c.

Yellow Aberdeen (Purple Top). A very hardy and productive variety. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 50c.

Yellow Stone. One of the best flesh sorts for table use. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 50c.

Golden Ball, or Orange Jelly. Its beautiful color and fine flesh have earned for it a high place in home gardens. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 50c.

Seven Top. Most excellent for greens. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c.

Rutabaga

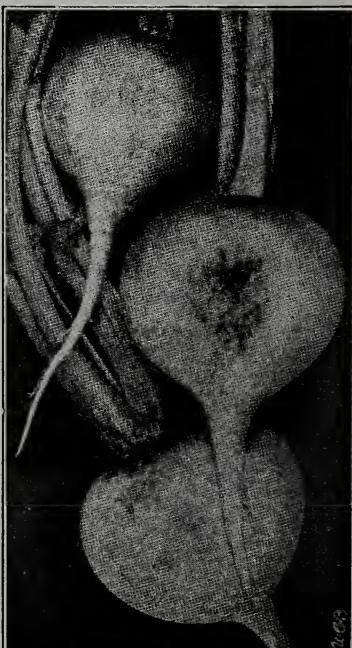
Sow Rutabaga in June and July in drills two feet apart; thin out to nine inches in the row.

Improved American Purple Top. A yellow-fleshed purple-top variety, grown either for stock or table use. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 40c; lb., \$1.25.

Perfection White. The best white variety offered. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 40c; lb., \$1.25.

Salsify, or Oyster Plant

Mammoth Sandwich Island. Roots large, long, smooth, tender, and well flavored, resembling fair-sized parsnips. Pkts., 5c and 10c; oz., 25c; $\frac{1}{4}$ lb., 75c.



Purple Top White Globe Turnip.

Tomato

Sow from early March to April 15th in a hotbed or greenhouse, where the temperature is never below 60 degrees. About the first of June they may be transferred to the open ground. Set them deeply, four feet apart, and a shovelful of rotted manure should be mixed in the earth of each hill.

Improved Beauty. A decided favorite for either home market or shipping purposes, being early, hardy, strong grower, productive, fruit large, always perfect in shape and excellent in quality. The color is glossy crimson with a tinge of purple. It grows in clusters of 4 to 6 large fruits, retaining its large size late in the season. It is very firm fleshed, and but few seeds. It seldom rots or cracks after a rain. Can be picked quite green, will look well, ripen up nicely and keep perfect for a week after it is ripe. Pkt., 5c; $\frac{1}{2}$ oz., 30c; oz., 50c; $\frac{1}{4}$ lb., \$1.50.

Acme. Rich glossy crimson, tinged with purple; perfectly smooth. Pkt., 5c; $\frac{1}{2}$ oz., 30c; oz., 50c; $\frac{1}{4}$ lb., \$1.50.

Livingston's Globe. The color of fruit is purplish-crimson; ripens to the stem; fruit is large, solid and very high globe. Pkt., 5c; $\frac{1}{2}$ oz., 30c; oz., 50c; $\frac{1}{4}$ lb., \$1.75.

Dwarf Champion. Upright habit of growth. Very early, fine for small gardens. Fruit smooth, medium in size. Pkt., 5c; $\frac{1}{2}$ oz., 30c; oz., 50c; $\frac{1}{4}$ lb., \$1.50.

Chalk's Early Jewel. A very early scarlet variety; a heavy cropper; fruit smooth, round and solid. Pkt., 5c; $\frac{1}{2}$ oz., 30c; oz., 50c; $\frac{1}{4}$ lb., \$1.50.

Bonny Best. Is extra early and very prolific. Color deep scarlet. Pkt., 5c; $\frac{1}{2}$ oz., 30c; oz., 50c; $\frac{1}{4}$ lb., \$1.50.

June Pink. The earliest of all purple tomatoes, distinct and handsome appearance. Pkt., 5c; $\frac{1}{2}$ oz., 30c; oz., 50c; $\frac{1}{4}$ lb., \$1.50.

Earliana. Is a very early variety, of uniform size and very productive. The fruit is round, smooth and firm; color bright red. Pkt., 5c; $\frac{1}{2}$ oz., 30c; oz., 50c; $\frac{1}{4}$ lb., \$1.50.

Golden Queen. About size and form of Beauty; smooth golden yellow. Pkt., 5c; $\frac{1}{2}$ oz., 30c; oz., 50c; $\frac{1}{4}$ lb., \$1.50.

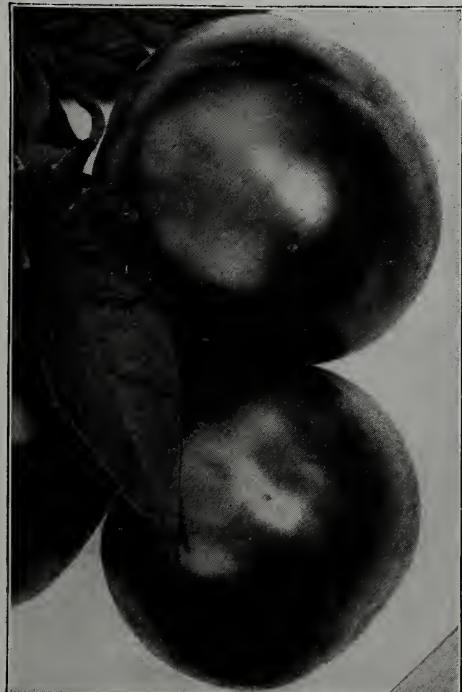
Ponderosa. Extra large. Purple crimson color; flavor and solidity unequalled. Pkt., 5c; $\frac{1}{2}$ oz., 40c; oz., 75c; $\frac{1}{4}$ lb., \$2.00.

Stone. This is a large, very smooth, bright scarlet Tomato, ripening evenly to the stem, without cracking. The flesh is firm, solid and of excellent quality. Pkt., 5c; $\frac{1}{2}$ oz., 30c; oz., 50c; $\frac{1}{4}$ lb., \$1.50.

Truckers' Favorite. A very large smooth and solid variety. Pkt., 5c; $\frac{1}{2}$ oz., 30c; oz., 50c; $\frac{1}{4}$ lb., \$1.50.

Small Fruited Tomatoes

Yellow Plum, Yellow Pear, Red Pear, Yellow Cherry, Red Currant, Yellow Peach, Red Cherry, Red Plum, Golden Husk, Purple Husk, used principally for preserving. All, 5c per pkt.; $\frac{1}{2}$ oz., 25c; oz., 40c.



Johnson's Stock Earliana Tomato.



Improved Beauty Tomato.

Greenhouse Forcing Tomatoes

Comet. This is a splendid variety for greenhouse. It is very short-jointed, fruiting close up to the stem. The tomatoes are of a good medium size, quite smooth, very solid and of a deep scarlet color. Pkt., 15c; $\frac{1}{2}$ oz., 35c.

Sutton's Best of All. Sets freely and is an immense cropper. Fruits smooth, good size; deep scarlet. Pkt., 15c; $\frac{1}{2}$ oz., 35c.

Sunflower

Mammoth Russian. Gray or striped seeds, heads very large. An excellent food for poultry. Flowers 18 to 20 inches in diameter. Very showy, but mostly grown for the large amount of seed produced. Pkt., 5c; $\frac{1}{4}$ lb., 15c; lb., 50c.

Sweet, Pot and Medicinal Herbs

Anise. Annual aromatic. Used medicinally. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 60c.

Balm. Perennial. Leaves used medicinally. Pkt., 5c; oz., 35c. **Basil.** Annual. Used for flavoring. Pkt., 5c; oz., 35c; $\frac{1}{4}$ lb., \$1.25.

Caraway. Annual. Seeds used in confectionery. Pkt., 5c; oz., 30c. **Catnip.** Perennial. Used for medicinal purposes. Pkt., 10c; oz., 50c.

Coriander. Annual. Seeds used in confectionery. Pkt., 5c; oz., 20c. **Dill.** Annual. Used for flavoring pickles. Pkt., 5c; oz., 20c; $\frac{1}{4}$ lb., 50c; lb., \$1.50.

Fennel. Perennial. Used for flavoring fish. Pkt., 5c; oz., 25c. **Fennel, Florence.** Annual. Roots used for salads. Pkt., 5c; oz., 25c; $\frac{1}{4}$ lb., 80c.

Horehound. Perennial. Used medicinally. Pkt., 5c; oz., 30c. **Lavender.** Perennial. Valuable for its perfume. Pkt., 10c; oz., 85c.

Marjoram, Sweet. Perennial for flavoring. Pkt., 10c; oz., 60c; $\frac{1}{4}$ lb., \$2.00.

Rosemary. Perennial. Valuable as a hair wash. Pkt., 5c; oz., 35c.

Sage. Perennial. Used for dressing and flavoring. Pkt., 10c; oz., 75c; $\frac{1}{4}$ lb., \$2.25.

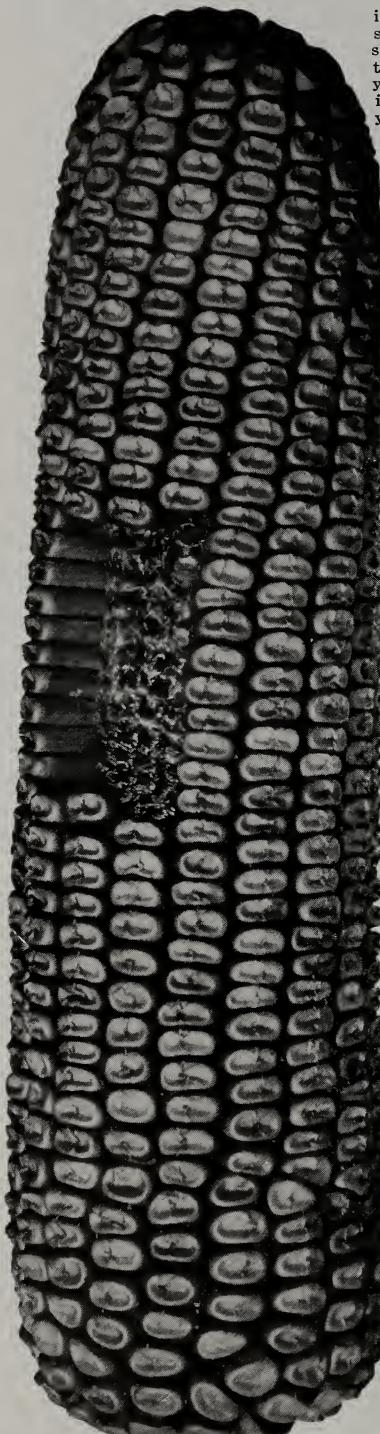
Sorrel. Perennial. Used for salads and "Greens." Pkt., 5c; oz., 30c; $\frac{1}{4}$ lb., 85c.

Summer Savory. For flavoring. Pkt., 10c; oz., 45c; $\frac{1}{4}$ lb., \$1.75. **Thyme.** Perennial. Used for seasoning. Pkt., 10c; oz., 75c.

Wormwood. Pkt., 10c; $\frac{1}{2}$ oz., 35c; oz., 60c.

Seed Corn

It costs less than 75 cents an acre to use our carefully selected **SEED CORN**. Do you consider it wise to risk seed of doubtful ancestry when **PEDIGREEED SEED** is so cheap?



Johnson's First Choice Corn.

We come to you this season with the best seed corn we have been able to offer in the last six years. Our crops are of unusual quality and if you want corn of superior merit send us your orders. We offer only stock grown specially for seed purposes from our own pedigree stock seed. The results will show for themselves at harvest time. It is true that you can likely select good ears from your own or your neighbor's crib that appear all right, but reversion will show in the product. You can save yourself time and labor and secure increased yields from now on if you purchase our seed this spring, because, as stated above, you can get exceptionally good stock this year of pure bred, sound, thoroughly matured, corn, that will not be surpassed and probably not equaled again for several years.

We do not sell Ear Seed Corn. Did you ever stop to think that the man who buys ear seed corn pays double what he should for his seed? Every house in the trade that sells ear corn charges a premium for it. In addition, at least 25 per cent of the corn on the cob is tip and butt grains, unfit for seed. In reality, you pay double price for the privilege of seeing the ears before they are shelled. If you cannot trust to selection of the seedsman, don't buy of him. We sort our corn just as carefully as you can.

Johnson's First Choice Yellow Dent

Quick Maturing—Heavy Yielding!!

This excellent variety possesses so many good points that we offer it as one of the best early yellow Dent corns. The plant is strong, deep rooted and stocky, enabling it to withstand drought in a remarkable manner. The corn matures in 85 days from planting; this makes it very valuable to farmers in the northern tier of states. It is a very heavy yielding variety, nearly all stalks bearing 2 ears, some 3. The ears are medium sized with a very small cob, which is covered from tip to tip with a very beautiful golden yellow dent corn. The ears average from 7 to 9 inches in length. It will yield more pounds of shelled corn per bushel of ears than many of the late varieties. This is one of the best varieties for the silo, many preferring it to the so-called ensilage corn.

In addition, it is the finest variety imaginable for second or late planting in more Southerly locations.

Our seed of First Choice has been carefully selected for many years by an expert in this section and is therefore especially adapted to Northern Ohio and like latitudes.

Prices, qt., 30c; $\frac{1}{2}$ pk., \$1.00; pk., \$1.75; bu., \$6.00.

Early Huron Yellow Dent

Stalks grow about 7 to 8 feet high and set the ears $3\frac{1}{2}$ to 4 feet from the ground. The type is very even. Ears measuring 8 to 10 inches in length, very uniform in size and shape. Color is a clean, light golden. Cobs small, shank easily broken in husking. The seed we offer has been grown in Northern Ohio for many years, so that it is thoroughly acclimated to this section.

Prices, qt., 20c; $\frac{1}{2}$ pk., 65c; pk., \$1.25; bu., \$4.50.

Improved Leaming Yellow Dent

Improved Leaming is medium early. The ears are large with very deep bright yellow kernels. The cob is small. The stalks grow to a medium height and often produce two large ears and make first-class fodder. This corn succeeds well on nearly all soils and will produce large crops of high grade deep yellow corn. One of the best varieties to sow for fodder and ensilage, as well as for grain. Prices, qt., 20c; $\frac{1}{2}$ pk., 65c; pk., \$1.25; bu., \$4.50.

Northern Ohio Yellow Dent

The brightest silver colored Corn. The ears are very large, extra long, medium depth of kernel, extremely firm and solid. It weighs like lead and shells out remarkably well; it matures early, having originated in Northern Ohio. It is very hardy, having a broad kernel, which assures strong germinating power. Prices, qt., 20c; $\frac{1}{2}$ pk., 65c; pk., \$1.25; bu., \$4.50.

White Cap Yellow Dent

It is a strong grower, resists heat and drought; yields large crops on thin soil; matures in 90 to 100 days, stalks 8 to 10 feet high, ears 8 to 10 inches long, well filled with 16 to 18 rows, packed solidly on a small red cob. The outer end of the grain is white and deeply dentled, balance amber yellow. The fodder is abundant and of superior quality. Many of our customers who have tried this think it the best variety. Prices, qt., 20c; $\frac{1}{2}$ pk., 65c; pk., \$1.25; bu., \$4.50.

Red Cob Ensilage

A pure white corn cropping as high as 45 tons of fodder per acre. Sweet, tender and juicy. More nourishing than any other variety. Short joints, abundance of leaves and of tall growth. An excellent silo corn. Bu., \$3.75; bag of $2\frac{1}{2}$ bu. for \$8.75, including grain bag.

Sweet Corn for Fodder

For cutting in the green state, for summer forage, sweet corn is superior to any of the ordinary field corns. We recommend it especially to dairymen, for use during July, August and September, when pasture is affected by dry weather. It forms a cheap and wholesome feed for cows, as every part of the stalk and leaves are relished. Prices on application.

Johnson's Selected Seed Oats

Northern Grown



**Very Productive
Thin Hull**

The New "Johnson" Oats originated in Michigan, and we have many testimonials attesting to their value. The heads are large and branching and loaded with big, plump, thin-hulled and bright grain.

Its roots run deep into the soil, thus supplying the plant with moisture and food even in a dry season. It stools surprisingly, so that one peck less should be sown per acre. It is plump and heavy, often weighing 36 to 40 lbs. to the bushel. The straw is very stiff and of medium height, holding up its large, well filled heads on the richest ground when other varieties lie flat. The "Johnson" are not side oats. The money you invest in Johnson Oats for seed will yield a profit of 100 to 200 per cent in the increased yield you will get over the common kind you have been planting. The extra cost of the seed of the Johnson over common oats is so light that no one can afford to plant the common varieties. A change of seed once in 2 or 3 years is absolutely essential to growing good crops and when a change is made, get the best variety possible. The Johnson will fill the bill every time. Prices of Choicest Michigan Grown Seed, bu., \$1.85; 5 bu. or more, at \$1.75; 10 bu. or more, at \$1.65 per bu.

**Heavy Grain
Stiff Straw**

New Johnson Oats



Improved Swedish Select.

Silver Mine Oats

This Oat has a reputation as an exceedingly heavy and reliable yielder. It is very hardy and prolific and yields beautiful white kernels, which are especially desirable for the manufacture of rolled oats.

The heads are very large in proportion to the stiff, bright, clean straw. The sprangle top heads, although long, are borne low down on the stalk which seems to prevent lodging. The demand for this variety last season exhausted our supply and we suggest early orders to avoid disappointment. Bu., \$1.60; 5 bu. at \$1.50; 10 bu. at \$1.45.

Top Notch Quality

Don't forget that Oats are one of our specialties. We handle only Northern Grown Pedigree stocks and know you will be pleased with what we have to offer. The oat crop is a very important one and too much attention can not be given to it. The trouble has been that not enough attention has been given to proper seed, for the oats have degenerated. It is now necessary to get new seed and build up. No one can expect to raise a good crop by sowing the same variety of seed they have sown for the past 20 years. The crop is bound to deteriorate.

Improved Swedish Oats

We offer this year carefully grown seed, raised entirely from selected stock. The result of this care in selection is shown in crops, which average upwards of 80 bushels to the acre. The seed now offered as the Improved Swedish Oats is the very best, and every farmer should renew his stock at once.

The grain is white, large and plump, ripens early, has a stiff straw of good length. It stools freely and throws up a large number of stems, and therefore requires less seed per acre. Choicest Michigan Grown Seed. Bu., \$1.60; 5 bu. at \$1.50; 10 bu. at \$1.45.

New Sensation Oats

They are noted for vigorous growth and large, white, plump grains, with thin hull, weighing 40 lbs. per bushel with ordinary thresher cleaning. On account of large per cent of meat in the kernel they are well suited for oatmeal and other oat products. Prices, Choicest Michigan Grown Seed, bu., \$1.60; 5 bu. at \$1.50; 10 bu. at \$1.45.

Bonanza Oats

This old standard sort is still very popular as it can be depended upon to produce good yields under adverse conditions. Bu., \$1.60; 5 bu. at \$1.50; 10 bu. at \$1.45.



Silver Mine Oats.

Miscellaneous Farm Seeds

Prices variable—write us when ready to buy

Seed Barley

Wisconsin Pedigree Barley has been the champion and in a class by itself for some years. Our stock is grown for us in Wisconsin where it originated, and after careful selection we think we have the truest and most uniform stock ever produced. For the last six years it has averaged 35 bushels to the acre. Heads are unusually large and long; grains are plump and brighter than any other variety.

Manshury Barley. We know this to be a first class variety. Produces plump grains, and long stiff straw. Heads long and well filled.

Bonanza Barley. A standard, heavy yielding, six rowed, bearded variety. In stiffness of straw and rust resistance, it is superior to others.

Soy Beans

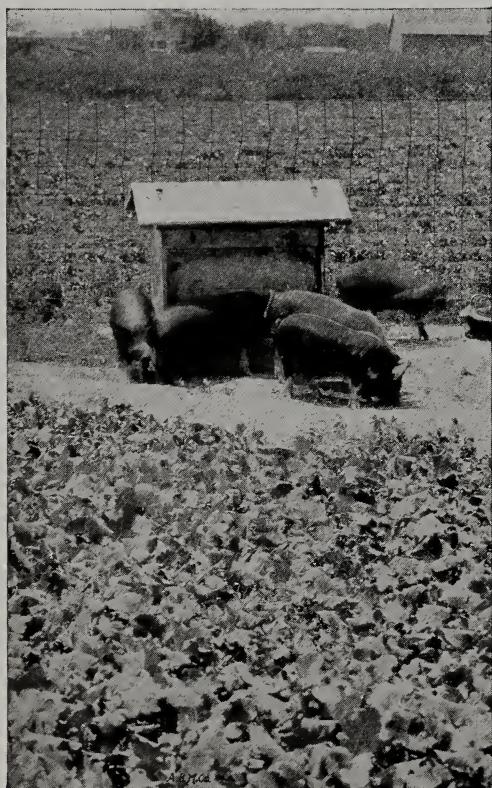
Soy Beans have a double value. First, they are great for feed, and second, they are nitrogen gatherers and enrich the soil wherever grown.

Ito San. Produces small yellow beans. Quite early and therefore valuable for the north. Matures in 95 days.

Seed Buckwheat

Japanese. The kernels are at least twice the size of those of any other variety, and of a shape peculiar and distinct from all others. The color of the kernels is also more distinct, being a rich, dark shade of brown. The straw is heavier, very branched, and does not need to be sown as thickly as other kinds. The quality is excellent and the yield is enormous. It is about a week earlier in ripening than the Silver Hull.

Silver Hull. This improved variety is much better than the old sort. It is in bloom longer, matures sooner, and yields double the quantity per acre. The husk is thinner, the corners less prominent, and the grain of a beautiful light gray color. The flour is said to be better and more nutritious.



Dwarf Essex Rape.

Dwarf Essex Rape

Rape is one of the most valuable pasture crops which can be grown. While it contains more water than some of the other plants, the dry matter of Rape is worth more as a feed, pound for pound, than that of Alfalfa, Clover or Vetches. This is because Rape is so very high in protein (the muscle, flesh and blood builder) and in ash (which makes the bone). Thus when Rape is pastured by hogs, which are being fattened on Corn, it balances the ration and little additional feed, such as skim milk, is required. Sow about 3 pounds to the acre. Ready for use in 6 weeks.

Winter Vetch

(*Vicia villosa*)

True Sand or Hairy Vetch

Extensively used as a soil renovator or for dry or green feed in the early spring. It may be sown alone or with winter rye or oats; is perfectly hardy, thriving in every climate, under most adverse conditions. Is very nutritious and live-stock relish it. When sown with rye, etc., it will attain a height of 4 to 5 feet; it requires one-half bushel to sow an acre, or one bushel if sown alone. Sow as early as possible in the fall or summer and get a good growth before cold weather sets in. 60 lbs. per bushel.



Winter Vetch.

Peas

PEAS, Canada Field. Field Peas should be sown early in April, 2 bushels per acre. If sown with oats for fodder and hay, sow $1\frac{1}{2}$ to 2 bushels each per acre. The Peas should be sown first and plowed under, about 4 inches deep, the oats may then be drilled in. The crop will be ready for cutting when the oats are in the milk and pods formed on the peas. This makes fodder and hay that will double the flow of milk. This crop is also unsurpassed for soiling purposes. Write for price.

BROOM CORN, Evergreen. Lb., 15c; 10 lbs., \$1.25.

FLAX, Russian. We have some very choice seeds of this, much superior in every way to common flax.

RYE, Winter. Market price.

Spring. Write for price.

SORGHUM, Early Amber. Market price.

KAFFIR CORN, White. Lb., 15c; 10 lbs., \$1.00.

COWPEAS, Whippoorwill. Write for price.

SPELTZ, or EMMER. A grain introduced from Russia, adapted to poor and dry soils. Has valuable feeding qualities. Lb., 15c; 10 lbs., \$1.00.

WHEAT, Winter. Hardy varieties for fall sowing. Ask for price.

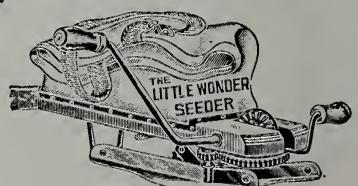
WHEAT, Blue Stem, Spring. A popular spring sort with large well-filled heads; heavy and prolific. Write for price.

Cahoon Seeder

This is a standard sower which gives good satisfaction, having been on the market for many years. Price, \$5.00 by freight or express, at buyer's expense.

Little Wonder Seeder.

Improved, with crank. Heavy duck hopper with shoulder strap, slant feed board, sheet steel oscillating feed plate, double flange distributing wheel, automatic feed adjustment. Each, \$2.00.





Alfalfa Field.

High Grade Grass and Clover Seed

About prices. It is impossible to quote firm prices at the time our Catalog is printed, owing to the fact that the market fluctuates so much. We will always be pleased, however, to quote by letter if you will drop us a line when you are ready to buy. We handle only the highest grades.

Clovers

Highest Grades Only

Prices Vary—Special Quotations on Application.

Alfalfa, or Lucerne (*Medicago sativa*). Perfect, plump grains, free from weeds, and of strong vitality. No crop is so valuable for permanent meadow as Alfalfa. In ordinary seasons three crops of hay are cut in the North generally, while many seasons produce four cuttings. It stands the dry, hot months of July and August in the corn belt and continues green and growing at this time when grasses are dormant. It is grown everywhere in the United States now, and it is a question of soil rather than climate which determines success or failure with Alfalfa. We procure our American Alfalfa seed from the states of Kansas, Nebraska and South Dakota so that they are suitable for any section of the country. Actual tests of seed from all over the United States show that the stocks produced in the semi-arid districts of the states named give the best results and are hardier than stocks grown farther south or by irrigation in the West. Sow 20 lbs. per acre.

Alsike (*Trifolium hybridum*). Unequalled for hay and we cannot too strongly recommend it to our customers. It is hardy even in northern Minnesota, and is the only variety which will produce a good crop and not kill out in low, wet land. The hay is finer and better than any other, therefore of special value for sowing with timothy. Sow 15 lbs. per acre.

Bokhara (*Melilotus alba*). White Blossom Sweet Clover. Very valuable for soiling. Splendid inoculator for alfalfa. Grows to a height of 3½ to 5 feet. Grown on rich soil, it can be cut as much as three times a season. Good for ensilage and bees. Will last two years if cut before it blooms. Sow 10 to 15 lbs. per acre.

Crimson, or Scarlet Clover (*Trifolium incarnatum*). An annual variety producing large crops of green forage. Sow 20 lbs. per acre.

Mammoth Red, or Pea Vine. Grows much taller than Medium Red Clover. Sow 12 lbs. per acre.

Medium Red (*Trifolium pratense*). Largely grown throughout the country. Sow 12 lbs. per acre.

White Clover (*Trifolium repens*). The best variety for lawns. Sow 6 to 8 lbs. per acre. Lb., 75c.

Grasses

Special Prices on Application.

Awnless Brome (*Bromus inermis*). Will stand long droughts and produce heavy crops. Sow 35 lbs. per acre.

Crested Dogtail (*Cynosurus cristatus*). An excellent Grass for hard, dry soils, valuable for pasture and lawns. Sow 25 lbs. per acre.

Red Top (*Agrostis vulgaris*). Suitable for meadow, lawn or pasture. Sow 20 lbs. per acre.

Hungarian Grass (*Panicum Germanicum*). This is a species of Millet, often yielding two or three tons of hay per acre. Sow 40 lbs. per acre.

Kentucky Blue Grass (*Poa pratensis*). Extensively grown in all parts of the country. Sow 2 to 3 bu. per acre.

Meadow Fescue (*Festuca pratensis*). A valuable Grass for permanent pastures. Sow 35 lbs. per acre.

Orchard Grass (*Dactylis glomerata*). A valuable pasture Grass, adapted for growing in shady, moist places. Sow 20 lbs. per acre.

Canadian Blue Grass (*Poa compressa*). Thrives well on clay, grows a foot or more in height and yields a great weight of hay. Sow 30 lbs. per acre.

Creeping Bent (*Agrostis stolonifera*). Succeeds well in moist situations.

Timothy, or Herd Grass (*Phleum pratense*). A variety producing a profitable hay crop in almost any soil. Sow 20 lbs. per acre. Write for sample and prices.

Wood Meadow Grass (*Poa nemoralis*). A very productive Grass, adapted for lawns or pastures. Thrives well under trees. Very scarce.

Perennial Rye (*Lolium perenne*). Affords pasture very early in the spring. Sow early in the spring at the rate of 1 to 1½ bushels to the acre.

Rhode Island Bent (*Agrostis canina*). A very fine variety for lawn or pasture.

Sudan. A new forage plant, related to the sorghums and is valuable both for hay and silo. Grows from six to ten feet high, makes small leafy stems and is greatly relished by stock. Sow seed when ground has become warm, using 4 to 6 lbs. per acre, in drills 18 to 24 inches apart, and cultivate like corn.

Red Fescue. For meadows or pastures on dry, hard or sandy soils. It is very hardy, a true perennial, growing from 1 to 2½ feet high.

Hard Fescue (Bu. 14 lbs.). Emphatically a grass for dry lands, doing well on sandy and shallow siliceous soils. Exceedingly hardy and withstands extremes of heat, cold and drouth.

Lawn Grass Seed

If you desire a perfect lawn, use our High Grade Lawn Seed. For shady places, sow our Shady Spot Lawn Seed. Both kinds, if sown early in the spring, will produce a good lawn by midsummer. See outside back cover for seed and for directions how to make a lawn.

Standard Inoculating Bacteria

High-bred nitrogen-fixing bacteria; makes poor soil good to raise the biggest and best crops of peas, beans, sweet peas, clover and other legumes. Standard Inoculating Bacteria will do it and add nitrates to the soil to benefit future crops of any kind. Write for booklet. See page 35.

Novelties and Specialties



Lady Roosevelt.

Centaurea Americana

(Basket Flower). This is a splendid native Centaurea, growing 3 feet high and bearing immense thistle-like blooms of a rosylavender color. Very showy in the mixed border and splendid for cutting. Flowers often measure from 4 to 5 inches in diameter. Blooms about July 1st and continues until frost. Pkt., 10c; 1/4 oz., 25c; 1/2 oz., 40c; oz., 75c.

Giant Double Decorative Dahlia

Our supply of this novelty comes from a famous French hybridizer, who states that it has been saved from a superb collection containing a very varied range of colors with flowers frequently 8 inches across, retaining their graceful form notwithstanding their enormous dimensions. 25c per pkt.



Centaurea Americana.

Four Fine Asters

Lady Roosevelt. This aster will give results under the most trying conditions. A very tall grower. It bears its solid, heavy flowers on stems often reaching 42 inches under ordinary cultivation. Color a bright rose-pink, making a beautiful combination when cut with White Perfection. It is a splendid keeping and shipping sort and is not at all subject to disease. The seed we offer is taken from terminal flowers on side branches only. Pkt., 15c; 1-32 oz., 30c; 1-16 oz., 45c; 1/8 oz., 75c; 1/4 oz., \$2.25; 1 oz., \$4.00.

New Red Sensation. Intensely red, being a dark rich garnet or ox-blood; branching habit; flowers 3 inches in diameter, borne freely on stems 12 inches long. Grow 18 to 24 inches high, well branched and covered with perfect flowers until the advent of frost. Entirely distinct, being the reddest of all red asters. Pkt., 10c; 1/4 oz., 40c; 1/4 oz., 75c.

New White Perfection. A distinct race of upright asters. Flower of branching type, but very strongly whorled, making the center very well covered, so well that it is almost impossible to grow this aster with yellow center. Flowers large snow-white, stems long, plant very robust. The full double form of the flower makes a very shy production of seed, hence the following high prices. Pkt., 15c; 2 pkts., 25c.

Pink Enchantress. Flowers soft delicate pink; always full-double, petals of medium length and very broad. Plant upright in habit and of very vigorous growth; stems long, strong and graceful. Midseason. Pkt., 10c; 1/4 oz., 50c.



White Perfection.

Chinese Wool Flower (*Celosia Childsi*)

This unique type of *Celosia plumosa* forms—instead of pyramidal panicles of bloom—large globular heads like balls of wool or chenille, and of a rich bright red color, which look as if made out of some silky material. The plants 2 to 3 feet in height, branch freely, each branch terminating with a flowerhead. It continues in flower from early summer until frost, and is very effective for gardens, either massed or grown as individual. Valuable for cutting as they can be dried and retain their bright color for weeks. Pkt., 15c.

Double Flowering Cup-and-Saucer Canterbury Bells

A new race of this much prized Hardy Biennial from a celebrated French Hybridizer. The double blossoms appear like three flowers placed one inside the other. These are produced freely and in all the colors found in the various varieties of Canterbury Bells. About one-half of the seedlings may be expected to come true to type. 25c per pkt.

New Salvias

Bouquet Rose

The outstanding feature of this New Bouquet Rose Salvia is its marvelous evenness of growth. A row of it looks like a well trimmed hedge and is undoubtedly the earliest, freest and most continuous bloomer of all, and, what is still more important, the most uniform in habit of growth; the bushy plants do not grow over 15 inches high, with flowers of the most pleasing rose pink thrown well above the plant, making a total height of about 2 feet. It flowers from very close to the ground to a height of 2 feet. This feature will be appreciated by those who use Scarlet Sage for beds or borders. 25c per pkt.; 5 pkts., \$1.00.

Carmine Pink

This New Salvia, Carmine Pink, is very similar to Bouquet Rose with the exception of color which is a very pretty Carmine Pink. Both of these Salvias are exceptionally nice for borders. Pkt., 25c; 5 pkts., \$1.00.



Johnson's Enormous Pansy

This strain includes only the very largest type and the range of color is complete and exclusive. It is the finest mixture produced anywhere both as to size and brilliancy of color. Pkt., 25c; 5 pkts., \$1.00.

Pansy Seed sown in April or May will produce blooming plants by the last of June, which will give an abundance of flowers throughout the remainder of the season. About the middle of August is the best time for starting Pansy seeds in order to get bloom as early as possible the following spring, as this allows the plants to go into winter in vigorous condition."

New Annual Larkspur

NEWPORT SCARLET.

This New Larkspur grows about 2 feet high and is magnificently effective in beds and masses. Pkt., 10c; $\frac{1}{4}$ oz., 25c.



Johnson's Double Colossal Zinnia

A special strain of this grand old favorite free and continuous flowering annual, which produces flowers of colossal size, specimens measuring from 5 to 6 inches across being not unusual. Plants are of extremely robust habit, attaining a height of about 3 feet and bearing on long stems numerous semi-globular, mostly very double flowers, all of the largest size, making them of great value in large beds, borders, etc.; grown under favorable conditions they remain in bloom from early summer to late autumn.

We offer six of the most wanted colors, separately, as well as a splendid mixture of many colors, as under:

	Per Pkt.
Colossal Canary-yellow	\$0.10
Giant Scarlet	.10
Giant White	.10
Giant Violet	.10
Giant Purple	.10
Giant Crimson	.10
Collection of a packet each of the above 6 colors	.50
Giant Mixed. All colors. Per $\frac{1}{4}$ oz., 20c; oz., 60c	.10

Collection of a packet each of the above 6 colors .50

Giant Mixed. All colors. Per $\frac{1}{4}$ oz., 20c; oz., 60c .10

Zinnia Mexicana

The two varieties of this dwarf type offered below are well worth growing.

Perfection. One of the most distinct and meritorious annuals of recent introduction. The plant is of dwarf, compact growth, 9 to 10 inches high by as much through, with fine foliage, and bears a multitude of very double flowers, about 1½ inches across, in a most unusual range of colors, including rose-tipped canary-yellow, maroon-tipped cream-yellow and wallflower-red, velvet-garnet, etc., and altogether makes as pretty a border as anything we know of. 15c per pkt.; 2 pkts., 25c.

Golden Star. A pretty single-flowering variety with rich golden orange star-shaped flowers 2 to 3 inches across, it forms a compact bush about 15 inches high, and makes a very effective golden line. In bloom from midsummer till frost. 15c per pkt.; 2 pkts. for 25c.

Zinnia Improved Large-flowering Dwarf Double, Salmon-rose

This splendid, brilliant salmon-rose bedding variety has been on the market for several years, but the supply of seed has never been equal to the demand; we are fortunate in having a good crop this season of extra select stock. 10c per pkt.; 40c per $\frac{1}{4}$ oz.

Johnson's Selected Flower Seeds

In the following pages we offer a carefully selected list of Flower Seeds, in which no want of the flower-garden has been overlooked, the numerous varieties insuring a wide range of color, form, height, habit and season, thus permitting selection for any and every ornamental purpose.



Aquilegia.

Anemone - Windflower

Lovely flowers in many shades of scarlet, blue, purple and white; flowers 2 inches and over in diameter, durable, elegant for cutting. Pkt.

Double Chrysanthemum-flowered. Beautiful flowers in fine mixture $\frac{1}{4}$ oz., 50c. \$0.10
St. Brigid. Produces double and semi-double flowers in a wonderful array of colors $\frac{1}{4}$ oz., 50c.

Antirrhinum - Snapdragon

Fine for bouquets. Showy bedding plants.

Giant White.	Large flowering	.10
Giant Scarlet.	Large flowering	.10
Giant Yellow.	Large flowering	.10
Giant Mixed.	Large flowering	.10
White.	Large flowering	.10
Crimson.	Large flowering	.10
Yellow.	Large flowering	.10
Half Dwarf.	Mixed. Constant bloomers for borders	.10

Aquilegia - Columbine

Long Spurred Hybrids. This strain comprises many new beautiful and pleasing shades and combinations. Plants are vigorous and stately in growth, producing abundantly large and elegantly shaped flowers with long spurs, borne well above the pale green foliage.

Cærulea (Rocky Mountain Columbine).	Flowers large, petals white, sepals deep blue, spurs very long; one of the most beautiful.	$\frac{1}{4}$ oz., 25c.
Vulgaris fl. pl.	Double varieties mixed. These will give an abundant supply of odd and exceedingly pretty flowers	.10
		.05

Arabis - Rock Cress

Alpina. A hardy perennial. Unequalled for rockeries or edging; withstands the drought, and is always neat; 6 inches $\frac{1}{4}$ oz., 25c. .10

Asparagus

Very graceful plants extensively grown for cutting, the foliage being used in all designs, bouquets, etc.

Plumosus nanus.	Beautiful fern-like sprays of foliage.	\$1.00.
.....	50 seeds, 55c, 100 seeds,	.25
Sprengeri.	Makes a beautiful basket and useful for cutting	.15
.....	50 seeds 30c, 100 seeds 50c.	
Hatcheri.	Of the Plumosus type. Growth strong and symmetrical; fronds closely set on the stalk.	.15

Abutilon - Flowering Maple
Tender perennial shrub of strong growth and easy culture. Pkt.

Finest Mixed Colors. Excellent for flowering indoors...\$0.10

Aconitum

Monk's Hood, Helmet Flower or Wolfsbane. Napellus. A hardy perennial, growing in any good garden soil, producing long spikes of curiously-shaped blue and white flowers. Well adapted for planting among shrubbery or in shady corners of the garden; 3 to 5 feet. $\frac{1}{4}$ oz., 40c. .10

Ageratum - Floss Flower

Suitable for borders, pots, boxes, etc. Annual.
Little Blue Star. Very fine, free bloomer.10
Blue Perfection. Dwarf; large, deep blue flowers; fine foliage; fine for edging flower-beds or walks, $\frac{1}{4}$ oz. 30c. .10
Mexicana Blue. A standard sort. Oz., 30c. .10
Snow White. Very beautiful.05
Dwarf White. Compact grower, free flowering.05
Little Dorrit. Blue; only 6 inches high.05

Agrostemma

Cel-rosa fimbriata (Rose of Heaven). Very free-flowering from July to September; nice for cutting; rose-colored $\frac{1}{4}$ oz., 10c. .05
Coronaria (Rose Campion). Glowing crimson flowers; silvery white foliage $\frac{1}{4}$ oz., 15c. .05

Alyssum - Annual

Grows anywhere. For beds, borders, etc.
Maritimum. The common Sweet Alyssum. Oz. 25c. .05
Little Gem. Grows compact; pure white. 4 in. Oz., 50c. .05
Saxatile Compactum (Basket of Gold). Showy bright yellow flowers; hardy perennial; blooms the first season if sown early indoors; excellent for rockwork; 1 ft. $\frac{1}{4}$ oz., 20c. .10

Amaranthus - Annual

Sow early. Very ornamental foliage plants.
Caudatus (Love Lies Bleeding). Crimson.05
Hendleri. Splendid sort.05
Cruentus (Prince's Feather)05
Finest Mixed05

Ampelopsis

Veitchii (Boston Ivy). A very elegant hardy vine, attaching itself to stone, brick or woodwork. The beautiful foliage acquires rich autumn tints. Oz. 40c. .05



Antirrhinum.

Asters

We make a great specialty of this popular flower, securing our stocks of the most skillful growers only and we confidently recommend them. Aster Plants ready in June.

Johnson's Special Stocks

Giant Asters

White, Delicate Pink, Dark Blue, Light Blue, Crimson.	Pkt.	.10
Excellent for cutting	.10	
Finest Mixed	.10	
White, Scarlet, Light Blue, Rose.	.10	
Salmon Pink	.10	
Peach Blossom	.10	
Finest Mixed	.10	

Royal Asters

White, Delicate Pink, Dark Blue, Light Blue, Crimson.	Pkt.	.10
Excellent for cutting	.10	
Finest Mixed	.10	

Ostrich Plume

White, Delicate Pink, Dark Blue, Light Blue, Crimson.	Pkt.	.10
Excellent for cutting	.10	
Finest Mixed	.10	

Giant Victoria

White, Scarlet, Light Blue, Rose.	Pkt.	.10
Salmon Pink	.10	
Peach Blossom	.10	
Finest Mixed	.10	



Crego's Giant Comet.

Queen of the Market

Pkt.

White, Delicate Pink, Dark Blue, Light Blue, Crimson.	Pkt.	.10
Excellent for cutting	.10	
Finest Mixed	.10	

King Needled Asters

White, Delicate Pink, Dark Blue, Light Blue, Crimson.	Pkt.	.10
Excellent for cutting	.10	
Finest Mixed	.10	

This is a superb variety of graceful, spreading habit, truly a queen among Asters. It grows about twenty inches high. This variety is about two weeks earlier than most other sorts. The flowers are quite large, very double, and are valuable for cut flower purpose. The following are the most distinct colors: Pure White, Blush Pink, Bright Pink, Rose, Dark Blue, Lavender, Light Blue and Crimson. Price, any color10 oz. 35c.
Mixed Colors, embracing all colors of this class. Price, .10 oz. 30c, 1/4 oz. 50c. .10

Lavender King. Soft lavender blue. .10
Pink King. An attractive delicate shell pink. .15
Rose King. A beautiful brilliant rose variety. .15
Violet King. A pleasing soft shade of violet. .15
White King. Pure white. .15
Crimson King. .15
Finest Mixed King .15

Daybreak

Branching Aster, grows about 2 feet high, with large double flowers. Fine for cutting purposes. Pkt.
Pink and Lavender, either color. .10 oz. 50c. \$0.10

Crimson Giant Aster

Of upright growth, with extra large densely double flowers, few under 5 inches across, on stems 15 to 18 in. long, in color a very rich blood crimson full of fire, making a brilliant bed or border. Pkt. 15 cents.

“Peerless Pink” Asters
This is conceded to be the finest pink late branching Aster ever offered. Comes into bloom about the middle of August, being at its best during the early part of September. Pkt. 15c.

Lavender Gem Aster

One of the most beautiful Asters. It is of true Comet type, with large, artistic, loosely-arranged flowers on long, wiry stems and of the most charming shade of lavender imaginable. Begins blooming in July, continuing through August; a lovely variety for cutting. Pkt. 15c.

Asterum

A fine new variety, with flowers much resembling a chrysanthemum. Pink, Lavender, and White, Pkt. finest mixed Each, \$0.15



Semple's Branching.

King Needled Type Asters.

Crego's Giant Comet

Flowers of immense size, often 6 inches across; especially valuable for cutting.	Pkt.	
White, Royal Purple, Blue, Shell Pink, Rose, Lavender, Crimson. Any color.	.10	
Finest Mixed	.10	

Mikado Asters

Similar to the Crego's Giant but dwarfer in growth, and comes into bloom fully two weeks earlier. Height about 18 inches, of branching habit, and the flowers, borne on long, strong stems, are of colossal size, 5 and 6 inches across being the rule. Pkt.		
Mikado Pink, or Rochester.....	\$0.15	
Mikado White. Of purest glistening white .....	.15	
Finest Mixed	.10	

Balsam - Lady Slipper

Gives brilliant masses of beautiful flowers for little care. Plants about 2 feet in height; transplanting dwarfs them and renders the flowers more double. Pkt.

Double White Perfection. Pure white; large and full to the center $\frac{1}{8}$ oz., 20c. \$0.10

Camellia-flowered. Very large, double, perfect flowers, camellia-like in form. In many colors, mixed $\frac{1}{2}$ oz. 35c, oz. 60c. .05

Begonia

Ever Blooming Bedding Varieties.

The following are varieties of *Begonia Semperflorens*, and take rank as bedding plants with Geraniums and Coleus, doing equally well in full sunlight, and surpassing both in positions partially or wholly in shade. They are of sturdy growth, growing about 1 foot high and forming dense bushes, which, from May until frost, are completely hidden with flowers. As pot plants for winter flowering they are superb, remaining a sheet of bloom throughout the entire year. Easily raised from seed, which should be started either indoors or in a hotbed. Pkt.

Erfordia. Bright, rosy-carmine \$0.25

Prima Donna. Limpid rose, shading to carmine at the center; ever-blooming25

Gracilis. Handsome flowers of a delicate rose color15

Luminosa. Brilliant fiery dark scarlet; very bright25

Salmon Queen. The highest colored of all, being a brilliant salmon-rose, beautiful either as a potplant or for bedding25

Vernon. Bright orange-carmine flowers; deep red foliage10

Semperflorens, Single Mixed. This mixture contains all the colors from pure white to deepest crimson; splendid10

Balloon Vine

Balloon Vine. A very pretty climber Oz. 20c. .05

Bellis Perennis - Double Daisy

Our strain of this flower is extra fine.

Mammoth Mixed $\frac{1}{4}$ oz. 60c. .10

Mammoth. Double pink $\frac{1}{4}$ oz. \$1.25, oz. \$4.50 .10

Mammoth. Double white $\frac{1}{4}$ oz. \$1.25, oz. \$4.50 .10

Shasta Daisy. See Daisy.

Browallia

Speciosa Major. Deep blue, white center. Fine for bedding, vases or potting \$0.10 Pkt.
Elatia. Best mixed10

Canna

Dwarf French Mixed. Dark leaved sorts Oz. 20c. .05
(For Roots see Plant pages.)

Carnations

Marguerite. Dwarf mixed, finest quality Oz. 90c. .05
Double Perpetual (Chabaud). Blooms in 6 months from sowing. Great variety for color, gorgeous flowers Oz. \$2.00. .10



Campanula Medium (Canterbury Bell).



Coreopsis Lanceolata Grandiflora.

Campanula - Bellflower

A family containing beautiful border-plants, several varieties beautiful as pot-plants. Mainly hardy biennials and perennials.

Calycanthema (Cup and saucer). Delightful in form and colors, and elegant subjects for the garden or for pot culture. 2 to $2\frac{1}{2}$ feet. Blue, Rose, Striped and White. Pkt.

Mixed $\frac{1}{4}$ oz. 75c. \$0.15 .10

Medium (Canterbury Bell). Large, bell-shaped flowers in many shades. Elegant border or pot-plants. A proportion of seedlings will vary from color, while some single flowers will be found among the double-flowered seedlings. 2 to $2\frac{1}{2}$ feet. Single Blue, Rose and White. Each. .10

Mixed $\frac{1}{4}$ oz. 25c. .05

Double Mixed $\frac{1}{4}$ oz. 40c. .10

Capratica (Harebell). Dwarf plants with cup-shaped flowers, suitable for borders, edging, etc. 1 foot. White, Blue and Violet mixed $\frac{1}{4}$ oz. 30c. .05

Calendula - Pot Marigold

Fine, showy, free-flowering hardy annual. For beds, borders or pot culture in house. Pkt.

Meteor. Large double yellow, each petal striped with orange Oz. 25c. \$0.05

Prince of Orange. Like Meteor, but darker Oz. 25c. .05

Orange King. Very large double flowers of a dark orange-red Oz. 25c. .05

Pure Gold. A grand variety, with double extra large flowers of a pure golden-yellow Oz. 30c. .05

Double Sulphur. Very large and extremely double flowers of a pleasing sulphur-yellow color Oz. 25c. .05

Finest Mixed Oz. 20c. .05

Candytuft

Crimson. Rich deep shade Oz. 35c. .05

Empress. The finest of all the white varieties; a complete mass of pure white flowers, in a pyramid of bloom. Oz. 50c. .05

White Fragrant. Flowers small, sweetly scented Oz. 25c. .05

White Rocket. Good spikes of pure white Oz. 25c. .05

Mixed Colors Oz. 25c. .05

Tom Thumb, White. 6 inches $\frac{1}{4}$ oz. 15c. .05

Iberis (Hardy Candytuft). A beautiful perennial of trailing habit covered with white flowers in spring Oz. 20c. .05

Coreopsis

Lanceolata Grandiflora. This is one of the finest of hardy plants, with large, showy bright yellow flowers produced in the greatest abundance from June till frost. As a cut flower they stand near the head among hardy plants. $\frac{1}{2}$ oz. 35c. .05

Calceolaria

Tender perennial. Sow in August or September. Pkt.
Giant Superb Mixed \$0.25

Calliopsis

Free-flowering annual, of the easiest culture. Excellent for cutting and massing. Pkt.

Golden Wave (Drummondii). Rich golden-yellow with small chestnut-brown center; very free; 12 inches. 1/2 oz. 15c, oz. 25c. \$0.05

Celosia Cristata - Cockscomb

Free-blooming annuals, growing best in rather light soil, not too rich; make grand border plants and are attractive for pets. Seed can be sown under cover in early spring and planted out in May, or may be sown out of doors in May. Pkt.
Empress. Rich crimson; combs of colossal proportions. \$0.10
Glasgow Prize. Immense, showy dark crimson combs... 10
Queen of the Dwarfs. This we consider the finest of the dwarf-growing Cockscombs. The plants grow only 8 inches high, with beautiful dark rose-colored combs. 10

Dwarf, Mixed. Fine dwarf varieties. 1/4 oz. 30c. .05

Celosia Plumosa - Feathered Cockscomb

Make fine plants for large beds or groups, and the plumes or flowers can be cut and dried for winter bouquets. Should be treated exactly the same as Cockscombs described above.

Thompson's Superb (Triomphe del'Exposition). Of Pkt. pyramidal growth, attaining a height of 3 feet, and producing graceful, feathery plumes of the most brilliant crimson. 1/4 oz. 30c. \$0.10

Thompson Magnifica. Similar to the preceding, but ranging in color from the clearest yellow to the darkest blood-red. 1/4 oz. 30c. .10

Golden Plume. Bright golden-yellow plumes. 1/4 oz. 30c. .10
Plumosa, Mixed. Feathered varieties in all colors. 1/4 oz. 25c. .10

Cineraria

Shows a wide range of colors. A favorite green house plant. Our seed is superb. Pkt.

Hybrida Grandiflora. Seed saved only from the choicest specimens. \$0.30

Half Dwarf Prize Mixed. Dwarf foliage; large flowers. .30
Stellata (Star Cineraria). A charming sort for house decoration. .30

Cypress Vine

A popular climber noted for dainty fern-like foliage and star shaped flowers. Pkt.

Finest Mixed Oz. 25c. \$0.05



Early Flowering Cosmos.

Cosmos

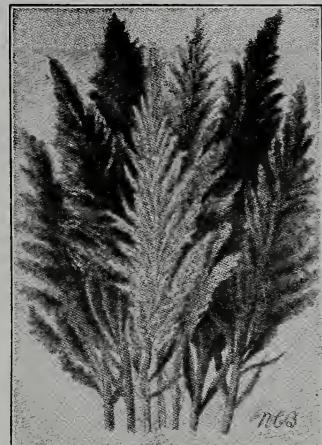
Mexican plants with handsome, cut foliage and graceful, long-stemmed, showy flowers. The Mammoth varieties should be sown early and the growth pinched when well established. This induces early-flowering and provides a larger number of blooms. Pkt

Crimson Ray. Distinct new type; grows 4 to 5 feet high. Very profuse in bloom; flowers many-petaled and petals narrow and fluted, separated in star-like form; most brilliant crimson. \$0.15

Early Flowering. Strain of great beauty, flowering Pkt. from July till frost. **White, Pink, Crimson, Dawn** (white, tinted rose) and **Mixed**. Each.... 1/4 oz. 20c. \$0.10

Lady Lenox. Flowers 5 to 6 inches in diameter. Beautiful **Shell-Pink** and **White**. Elegant for cutting. 6 feet. Each..... 1/4 oz. 20c. .10

Mammoth Perfection. A magnificent selection, bearing flowers of mammoth size and perfect form, and representing the highest development in Cosmos to date. **White, Pink, Red and Mixed**. Each. 1/4 oz. 20c. .05



Celosia Plumosa.

Centaurea

Well adapted for borders and bedding. Beautiful foliage and flowers freely. Pkt.

Cyanus (Emperor William). Blue..... Oz. 30c. \$0.05

Cyanus Mixed. Annual..... Oz. 25c. .05

Gymnocarpia (Dusty Miller). Silver leaved. 1/2 oz. 35c. .10

Cardidissima. Whiter leaves than Gymnocarpa..... .15

Imperialis (Sweet Sultan). Finest mixed.... 1/4 oz. 20c. .05

CHRYSANTHEMUM. Easily grown. Free flowering Pkt. and very showy.

Single Mixed. Annual. Large range of colors. Oz. 30c. \$0.05

Double Mixed Coronarium. Annual. Many colors. Oz. 30c. .05

Hardy Pompon. Perennial. Splendid strain of the old hardy fall flowering sort with double blossom... .10

COBEA Annual. A magnificent rapid growing climber for covering trellises, arbors, trunks of trees, etc.

Scandens. Large, bell-shaped purple flowers. 1/4 oz. 25c. .10

Scandens Alba. Pure white. .10

COLEUS Annual (Choice Hybrids). Our strain of hybrid varieties produces the finest colored, most attractive and novel foliage plants for house or garden culture. Easily raised. Sow indoors in March or April

CUCUMBER, WILD. A very quick grower for covering old trees, etc.

Echinocystis Lobata Oz. 30c. .05

CYCLAMEN. For winter and spring blooming. Very handsome flowers and beautiful foliage.

Persicum. Mixed Per 100 seeds 60c. .15

Finest Giant, Mixed Per 100 seeds \$1.00. .25

DAHLIA. A half hardy perennial, flowering the first year, blooming as early and as freely as if grown from tubers.

Finest Double Mixed. From choicest flowers.. 1/4 oz. 25c. .10

Finest Single Mixed. Best varieties only.... 1/4 oz. 25c. .05

DAISY, PERENNIAL, Shasta. One of the Burbank's productions which has become very popular. Many types are found in our stock, all very desirable. 1/4 oz. 50c. .10

See also **Bellis Perennis**.

DRACAENA Indivisa. Beautiful ornamental leaved plants. Long narrow green foliage. Fine for vases, etc. 1/4 oz. 25c. .10

DIGITALIS Foxglove. Of easy culture. Give slight shade and good soil.

Gloxiniaeflora White. Pure white flowers with dark green foliage make a fine show..... 1/4 oz. 25c. .05

Gloxiniaeflora White. All colors and Gloxinia-like flowers. 1/4 oz. 25c. .05

Delphinium - Larkspur

HARDY VARIETIES.

	Pkt.
Gold Medal Hybrids. This is a mixture of twelve of Blackmore & Langdon's finest varieties grown separately and seed mixed after harvest. The plants are of strong, vigorous habit, with immense spikes from 2 to 3 feet long.....	1/4 oz. 50c. \$0.10
Belladonna (Everblooming Hardy Larkspur). This is the freest and most continuous blooming Hardy Larkspur from June until frost. Clear turquoise-blue; unequalled for the hardy border.....	1/4 oz. 50c. .10
Chinese (Blue Butterfly). A distinct and neat variety, growing about 18 inches high, with fine feathered foliage, and producing freely spikes of large blossoms of intense gentian-blue.....	1/4 oz. 20c. .10
Album. The white-flowered form of the preceding.....	1/4 oz. 20c. .10
Elatum (Bee Larkspur). Rich blue of various shades with black centers; grows 3 to 5 feet high, according to soil and location.	
Formosa. Beautiful spikes of rich blue flowers, with a white center; 2 1/2 feet	1/4 oz. 25c. .10
Cashmerianum. A beautiful dark blue, blossoms in corymbs of 6 or more; 15 inches.....	.20
Grandiflorum fl. pl. Finest double mixed in great variety of charming colors	1/4 oz. 50c. .15

ANNUAL VARIETIES.

Dwarf Double Rocket. Fine for bedding. 1 foot Finest Mixed... Oz. 25c.	.05
Double Stock Flowered. These are among the first to flower. Very choice strain, tints of Blue, Lilac, Violet, Rose, White and Mixed. Fine for bedding. 1 foot..... Oz. 25c.	.05



Delphinium.

Dianthus - Divine Flower

The rich coloring, with the varied forms and fringing of petals common to many varieties, render them very attractive. They are all useful for bedding and all serviceable for cutting. The Annual Pinks may be sown in autumn or spring. An adornment to every garden.

Double Annual Pinks

	Pkt.
China or Indian Pinks (Dianthus Sinensis). Flowering from early summer to fall; strong, sturdy growers, suitable for beds and borders. Flowers very double and in an unlimited variety of colors borne on long, stiff stems. Finest mixed	1/4 oz. 25c. \$0.05
Japanese Pinks (D. Hedewigii and varieties). A beautiful class of sturdy-growing plants, 10 to 12 inches high and of the same width; handsomely marbled and mottled flowers in all imaginable colors, 2 inches and over in diameter. Finest mixed.....	1/4 oz. 25c. .05
Diadem Pinks (D. Hedewigii diadematus). Very large, showy flowers, beautifully marked and flaked. Splendid mixed.....	1/4 oz. 35c. .05
Royal Pink (D. Hedewigii nobilis). A beautiful class for cutting; flowers large and exceedingly fragrant, very double and on long stems; colors range from white to rose, and scarlet to blood-red.....	1/4 oz. 50c. .10
Imperial Pink (D. imperialis fl. pl.). These have a wide range of showy colors, and are profuse bloomers. Fine for beds. Superb mixture.....	1/4 oz. 30c. .05

Single Annual Pinks

Japanese, Crimson Belle. Large, handsome, dark red flowers	1/4 oz. 25c. \$0.05
Japanese, Eastern Queen. Flowers marbled rose and white	1/4 oz. 25c. .05
Royal Pink. Large flowers; petals fringed and crimped. Blood-red to rose, carmine-pink, and occasionally white in color. Finest mixed.....	1/4 oz. 40c. .10
"Salmon Queen." The well formed, nicely-fringed flowers are a brilliant salmon color changing into a salmon-rose when fading. The seeds of this variety are white or yellowish-white; those of other annual Pinks are dark brown or black. Per pkt., 10c; 1/4 oz., 50c.	
Vesuvius. Brilliant geranium-red; makes a very effective bed or border. Per pkt., 10c; 1/4 oz., 50c.	



Eschscholtzia (California Poppy).

Hardy Garden Pinks

Very desirable for beds, borders, cemetery planting, etc. The flowers are highly prized for their spicy, refreshing odor.	Pkt.
Double Mixed Clove Pink. A beautiful class; very double, sweet and nice for cutting.....	\$0.15
Double and Semi-double Grass Pink. (D. plumarius fl. pl.). Double and semi-double flowers in variety.....	1/4 oz. 50c. .10
Perpetual Pink (D. plumarius semperflorens). These are ever-blooming garden Pinks in many colors; single, semi-double and double-flowered, and of spicy fragrance.....	1/4 oz. 50c. .10
Single, Finest Mixed (Pheasant's Eye; D. plumarius). Many-colored, fragrant flowers, nicely fringed.....	1/4 oz. 15c. .05

Everlastings

For convenience, we have grouped here plants prized for their "everlasting" or straw flowers. They are also valuable as border plants.	Pkt.
Acroclinium Album fl. pl. Graceful; double, rose flowers; 1 foot	\$0.05
Ammobium alatum grandiflorum. Clusters of pure white flowers. 2 feet .....	.05
Gomphrena globosa, Mixed. Flesh rose, purple and white. Known as Globe Amaranth. Very neat for pots. 1 1/2 ft.	.05
Helichrysum monstrosum. Double. Splendid Mixed. About six colors. 1 1/4 ft.	.05
Rhodanthe Manglesi. Bright rose; charming and particularly neat in pots in the spring. Three plants should be potted together as foliage is small. 1 foot .....	.05
Xeranthemum annuum. Very nice for summer cutting or for winter bouquets. Double; White, Rose and Purple. Mixed .....	.05

Eschscholtzia

California State Flower; California Poppy.

Very brilliant flowers, produced in great numbers. They may be sown in spring, although fall sowing will give better results. 1 foot.	
Golden West. Very large, lovely yellow flowers, with orange blotch at the base of petals.....	Oz. 50c. .05
Californica. Bright yellow	Oz. 30c. .05
Single Flowered Mixed. Extra fine.....	Oz. 25c. .05
Double-flowered, Mixed. Very good semi-double flowers. Nice for bedding or for massing.....	1/4 oz. 25c. .05

Euphorbia - Snow on the Mountain

Showy border plant, easily grown. Beautiful foliage edged and veined with white. Annual.	Pkt.
Variegata. Finest stock	Oz. 30c. \$0.05
FERN SPORES, Fine Mixed Greenhouse Varieties....	.25
Easily grown from the seed and blooms the first season. Suitable for the house or shaded situations in the garden. Single and double. Mixed.....	.25
FEVERFEW Matricaria. For beds and edges. Half hardy perennial.	
Dwarf Double White. Very fine stock.....	.10
FORGET-ME-NOT Myosotis. Forget-Me-Nots succeed best in moist places.	
Palustris. The true Forget-Me-Not. Perennial, but blooms first year Palustris Semperflorens. Everblooming and dwarf....	1/8 oz. 40c. .10 1/8 oz. 40c. .10
FOUR O'CLOCK, Mirabilis. We make a specialty of this fine old garden favorite. Give good soil and sunny location.	
Fine Mixed Hybrids. A splendid mixture.....	Oz. 20c. .05
GLOXINIA Hybrids. Choicest French stock. Magnificent house blooming plants.....	.25
GODETIA. Succeeds best in poor soil. Very free blooming annuals.	
Finest Mixed Tall	Oz. 25c. .05



Ornamental Grasses.



Gaillardia.

Ornamental Grasses

Specimen plants, clumps or entire beds of harmonious varieties are especially interesting. They are always valuable for cutting, and may be preserved and used in combination with Everlasting Flowers for winter bouquets, decorations, etc.

ANNUAL ORNAMENTAL GRASSES.

Briza maxima. The large Quaking Grass. 1 1/2 feet	Pkt. \$0.05
Coix Lachryma-Jobi (Job's Tears). The curious seeds are used as beads. 1 1/2 feet.....	Oz. 10c. .05
Eragrostis elegans (Love Grass). Very beautiful. Nice for sweet pea bunching. 1 1/2 feet05

Pennisetum longistylum. Graceful, greenish white plumes05
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PERENNIAL ORNAMENTAL GRASSES.

Arundo Donax variegata (The Variegated Giant Reed). Fine for groups. 12 ft...	.10
Glycerium argenteum (Pampas Grass). Graceful for borders; beautiful silvery plumes. 8 to 10 feet .....	.10
Stipa pennata (Feather Grass). Silvery white, feathery plumes. 2 feet .....	.05

Heliotrope

Delightfully fragrant. Fine for beds or pots.

Finest Mixed. Half hardy perennial.....	1/4 oz. 50c, .10
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Gaillardia - Blanket Flower

Showy and handsome hardy perennials, for beds and borders. The flowers are a most peculiar combination of shades varying between gold and maroon. Sow in summer in drills, transplanting to permanent positions during autumn; also sow in early spring under glass, prick off into boxes and plant out in May.

Best Single Mixed	1/4 oz. 15c. \$0.05
Amblyodon. Rich blood-red; very effective.....	1/4 oz. 15c. .05
Hardy Perennial. Single flowers with red centers and yellow tips. Very handsome	1/4 oz. 30c. .10
Kelway's Hybrids. Entirely distinct. A grand new and improved strain. Flowers of enormous size, borne on stout stems. Choicest mixed	1/4 oz. 35c. .10

GOMPHRENA (Globe Amaranth). See Everlastings.

Gourds - Ornamental

Besides the curious fruits, Gourds are desirable to cover walls, arbors, etc. Tender annual.

Small Varieties, Mixed	Oz. 15c. .05
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We can also supply any of the following:

Hercules Club; Dish Rag; Dipper; Nest Egg.....	Oz. 15c. .05
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Hollyhock - Hardy Perennial

We give particular attention to this most popular flower. Seed sown in June or earlier will flower the following summer.

Allegheny Mammoth Fringed. Very large, loosely formed flowers, finely fringed. Early-sown seed will flower the first season. 7 feet. Mixed	1/4 oz. 30c, oz. \$1.00
Newport Pink. Fine, pure pink, double variety, exquisite in shade; flowers very double.....	1/4 oz. 30c, oz. \$1.00
Finest Double. Mixed. The seed offered under this head has been saved from the finest double flowers only; sure to produce satisfactory results	1/4 oz. 30c, oz. \$1.00
Single Mixed	1/4 oz. 25c, oz. 75c. .10

Hibiscus - Marshmallow

Showy ornamental perennial plants for mixed beds or shrubbery borders, having large-sized, beautifully colored flowers.

Crimson Eye. Flowers of the largest size, pure white, with a large spot of velvety-crimson in the center.....	.10
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Giant Yellow, or Golden Bowl. Flowers from 6 to 9 inches in diameter: of a rich deep cream; velvety maroon center.....	.10
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New Giant Mallow Marvels. These are tall, shrub-like, hardy perennials, with woody stalks towering upward and outward in bouquet fashion to a height of 5 to 6 feet, with broad handsome leaves, and producing towards their terminals, enormous flowers often from 6 to 8 inches across and usually self-colored or with large dark centers. They bloom from July to October, succeeding best if planted in a rich, deep, moist soil, but will grow equally well in dry open situations. They are perfectly hardy all over the states and easily raised from seed..	1/4 oz. 25c. .10
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Single Mixed	1/4 oz. 25c, oz. 75c. .10
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Gypsophila - Baby's Breath

Annuals and perennials that will flower the first season. All have graceful panicles of small flowers that are elegant for cut-flower purposes.

Paniculata fl. pl. An extremely vigorous race, producing about 50 per cent of perfectly Pkt. double flowers, of beautiful pure white.....	\$0.15
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Elegans grandiflora alba. Hardy Annual. An improved large flowered white form	Oz. 30c. .05
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Paniculata. The perennial variety that is easily grown from seed, equally useful for cutting, and a fine border plant. Branches may be used for winter bouquets. 3 ft. 1/4 oz. 15c. .05	
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Gourds, Ornamental.

HONESTY (Moonwort Satin Flower). Hardy biennial, Pkt. admired for its silvery seed pouches which are used for house ornaments, as they present a beautiful and rather curious appearance. 3 feet..... $\frac{1}{4}$ oz. 15c. \$0.05

IBERIS. See Candytuft.

Ipomoea - Moonflower

Mexicana grandiflora alba. Very large, pure white flowers, opening in the evening and on dark, cloudy days. Very rapid grower. Will reach out 30 to 40 feet. Soak seeds, or preferably cut a notch through the hard shell; will germinate in 12 to 15 days. Oz. 50c. .10

Cardinal Climber. We consider this the most beautiful, and distinct annual climber introduced in many years. It is a strong and rapid grower, attaining a height of 30 feet or more, with beautiful, deeply laciniate foliage and literally covered with a blaze of circular fiery cardinal-red flowers from mid-July till frost. The flowers are about 1½ inches in diameter, and are borne in clusters of 5 to 7 blooms each. Our seed is direct from the originator $\frac{1}{4}$ oz. \$1.00

Kochia - Summer Cypress

Trichophylla (Fine Summer Cypress). Grows in a compact bush about 3 feet high. Cannot be excelled for a temporary hedge or screen.....Oz. 25c. .05

LANTANA, Finest French Mixed. Desirable half hardy perennial $\frac{1}{2}$ oz. 10c. .10

LARKSPUR. See Delphinium.

LATHYRUS, Hardy Sweet Peas. Mixed.....Oz. 40c. .10

LINARIA (Kenilworth Ivy). Trailing plant for baskets and boxes.

Cymbalaria. Lavender and purple

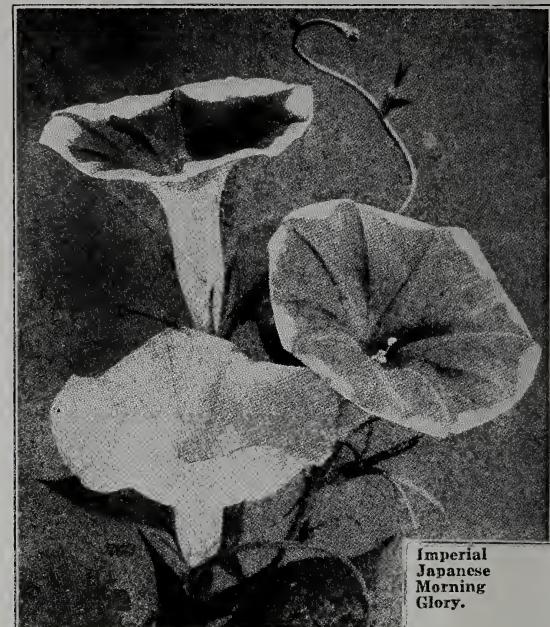
LINUM Grandiflora rubrum and roseum (Flax). Free-flowering and showy. The red and rose-colored forms of annual Flax. Successive sowing will produce a wonderful show throughout the season. 1 ft. Oz. 20c. .10

Morning Glory - Convolvulus

Imperial Japanese. They are beyond question the handsomest of all Morning Glories. Of the easiest culture; can be sown in the open ground in a warm and settled climate. The foliage is luxuriant, distinct and varied, green, silvery and yellow leaves; many are mottled light and dark green, white and gray. The giant flowers are beyond description; the self or solid colors range from snow-white to black-purple, an endless number having flowers spotted, marbled, striped, flaked, splashed, etc. See cut.....Oz. 20c. .05

Brazilian (Setosa). As a quick growing vine it has no equal. Flowers large and foliage pleasingOz. 30c. .10

Heavenly Blue. Immense flowers of bright sky blue.....Oz. 10c.



Imperial
Japanese
Morning
Glory.

Lobelia

Tender perennials and flower first season. Adapted to edging, borders, baskets, etc. Pkt.
Crystal Palace Compacta. Fine for bedding..... $\frac{1}{2}$ oz. 40c. \$0.10
Gracilis. Light blue, trailing..... $\frac{1}{2}$ oz. 40c. .10

Marigold

Splendid for beds or borders; the tall varieties grow about 3 feet high; the dwarf sorts, 18 to 24 inches.

AFRICAN. Tagetes Erecta.

Eldorado. Bright orange flowers, shaded primrose, 3 to 4 inches across. 2 feet $\frac{1}{4}$ oz. 20c. .05

Lemon Queen. Very large, double canary-yellow flowers. Erect, branching habit. 2 feet..... $\frac{1}{4}$ oz. 25c. .05

Orange Prince. A high-bred tall-growing variety, bearing large, perfect double-quilled flowers of a rich deep golden-orange color; the finest of all and very showy..... $\frac{1}{4}$ oz. 50c. .10

Pride of the Garden. Dwarf and bushy; double, large-sized flowers of various shades of yellow..... $\frac{1}{4}$ oz. 20c. .10

Tall Double MixedOz. 75c. .05

Dwarf Double MixedOz. 75c. .05

FRENCH. Tagetes Patula.

These are very bright and effective in ribbon lines or for edging beds of tall plants.

Legion of Honor. Single; bright yellow with dark crimson spots or blotches; a good bedder. 9 inches..... $\frac{1}{4}$ oz. 20c. .05

Dwarf Double MixedOz. 60c. .05

Tall Double MixedOz. 50c. .05

Maurandia

Finest Mixed. Most handsome climber $\frac{1}{2}$ oz. 10c.

Mignonette - Reseda Odorata

Large Sweet Scented. Most satisfactory for garden..... $\frac{1}{2}$ oz. 15c.

Machet. Dwarf; very floriferous and fragrant..... $\frac{1}{4}$ oz. 20c. .10

Bismarck. Immense red flowers, distinct crinkly foliage and most delicious odor $\frac{1}{4}$ oz. 25c. .10

Defiance. Magnificent new sort. Immense spikes which keep until every bud is open..... $\frac{1}{4}$ oz. 20c. .10

Mimosa - Sensitive Plant

Pudica. White with pink blush $\frac{1}{2}$ oz. 05c.

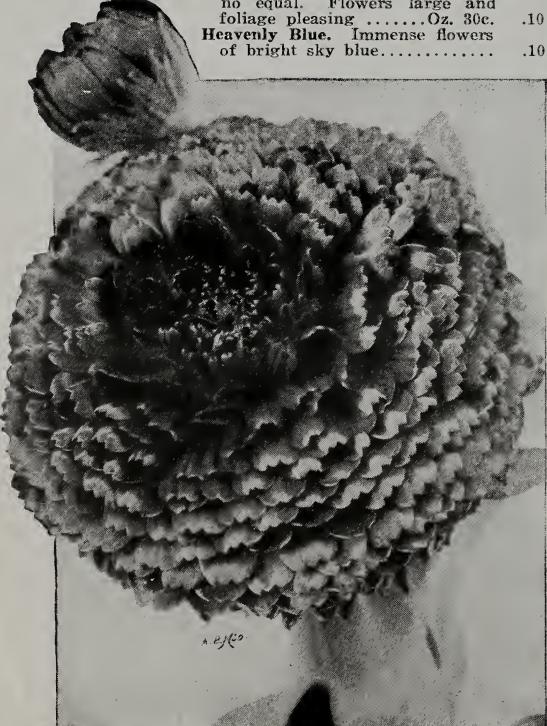
Mimulus - Musk Plant

Moschatus. Small trailing plant for baskets, etc. Yellow flowers and fragrant foliage..... $\frac{1}{2}$ oz. 05c.

MATRICARIA. See Feverfew.

MARVEL OF PERU. See Four o'clock.

MYOSOTIS. Forget-me-not.



Marigold.

Nasturtiums

Dwarf or Tom Thumb

No annual will produce such a lavish profusion of flowers for so long a time with the small outlay of time and labor. 1 foot high.	Pkt.
Aurora. Rosy apricot with crimson blush.....	Oz. 20c, $\frac{1}{4}$ lb. 60c. \$0.05
Brilliant Scarlet. Unusually striking.....	Oz. 20c, $\frac{1}{4}$ lb. 60c. .05
Beauty. Flowers yellow and scarlet.....	Oz. 20c, $\frac{1}{4}$ lb. 60c. .05
Chameleon. Yellow blotched.....	Oz. 20c, $\frac{1}{4}$ lb. 60c. .05
Cloth of Gold. Yellow foliage, scarlet flowers.....	Oz. 20c, $\frac{1}{4}$ lb. 60c. .05
Crystal Palace Gem. Sulphur, maroon spots.....	Oz. 20c, $\frac{1}{4}$ lb. 60c. .05
Empress of India. Brilliant crimson, dark tinted foliage.....	Oz. 20c, $\frac{1}{4}$ lb. 60c. .05
Golden King. Golden yellow.....	Oz. 20c, $\frac{1}{4}$ lb. 60c. .05
King Theodore. Dark green foliage. Flowers nearly black.....	Oz. 20c, $\frac{1}{4}$ lb. 60c. .05
King of Tom Thumb. Scarlet flowers; dark foliage.....	Oz. 20c, $\frac{1}{4}$ lb. 60c. .05
Queen of Tom Thumb. Flowers rich, bright crimson, variegated foliage, very showy and distinct.....	Oz. 20c, $\frac{1}{4}$ lb. 60c. .05
Lady Bird. Orange, red spots.....	Oz. 20c, $\frac{1}{4}$ lb. 60c. .05
Pearl. Creamy white.....	Oz. 20c, $\frac{1}{4}$ lb. 60c. .05
Rose. Fine shade.....	Oz. 20c, $\frac{1}{4}$ lb. 60c. .05
Finest Mixture of Dwarfs.....	Oz. 15c, $\frac{1}{4}$ lb. 50c. .05

Tall or Climbing Varieties

Elegant and luxuriant climbers for verandas, trellises, etc. Height 5 to 10 feet.	
Butterfly. Lemon-yellow, upper petals marked dark red, lower petals marked terra-cotta red.....	Oz. 20c, $\frac{1}{4}$ lb. 60c. .05
Chameleon. Many richly colored flowers on the same plant.....	Oz. 20c, $\frac{1}{4}$ lb. 60c. .05
Coccinea. Bright scarlet.....	Oz. 20c, $\frac{1}{4}$ lb. 60c. .05
Fashion. Large; light crimson-rose, with a deep veining of old-rose.....	Oz. 20c, $\frac{1}{4}$ lb. 60c. .05
Jupiter (Sunlight). Large, golden yellow flowers, on long stems.....	Oz. 20c, $\frac{1}{4}$ lb. 60c. .05
Moonlight. Very light cream flowers of largest size.....	Oz. 20c, $\frac{1}{4}$ lb. 60c. .05
Prince Henry. Lemon-yellow, carmine-spotted.....	Oz. 20c, $\frac{1}{4}$ lb. 60c. .05
Rose. A lovely shade of rose.....	Oz. 20c, $\frac{1}{4}$ lb. 60c. .05
Twilight. Large, beautiful flowers, salmon-rose, suffused scarlet.....	Oz. 20c, $\frac{1}{4}$ lb. 60c. .05
Velvet Gem. Crimson flowers; rich, velvety foliage.....	Oz. 20c, $\frac{1}{4}$ lb. 60c. .05
JOHNSON'S SUPERB MIXTURE OF TALL.....	Oz. 15c, 4 ozs. 40c. .05



Nasturtium, King of Toms.

Nicotiana - Tobacco

Affinis. Very showy white sweet scented flowers.....	$\frac{1}{2}$ oz. 80c. \$0.05
Sandera Mixed. Splendid variety of colors.....	$\frac{1}{4}$ oz. 25c. .10

Nierembergia - Cup Flower

Frutescens. Blooming the first year if sown early. Most desirable for baskets, etc.	$\frac{1}{4}$ oz. 20c. .05
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Nigella - Love in a Mist, or Devil in Bush

Damascena. A compact, free-flowering plant, with finely cut foliage, curious-looking flowers and seedpods; of easy culture, growing in any garden soil; hardy annuals; blue and white mixed; one foot.....	Oz. 25c. .10
Miss Jekyll. A lovely variety with cornflower-blue blossoms, splendid for cutting.....	$\frac{1}{4}$ oz. 25c. .10

Panises

Heartsease

The seed that we offer comprises the very finest strains obtainable, and will be found very superior to the quality usually offered. No expense has been spared in obtaining the very best strains from the best French, German and English sources. Pansy plants ready at proper season.

FINEST SHOW PANSES.

Johnson's Universal Mixture. This is the finest mixture possible to make as regards size, texture and colorings.....	Pkt. $\frac{1}{8}$ oz. \$1.00, oz. \$7.00 \$0.50
Masterpiece. Giant, curled and ruffled Pansies. Very beautiful, containing the richest combination of colors.....	$\frac{1}{8}$ oz. 75c. .25
Bugnot's Superb Blotched. Flowers of enormous size. The shadings comprise tints of red, bronze, and brown not found in any other mixture.....	$\frac{1}{8}$ oz. 75c. .25
Cassier's Giant. The largest-flowered class of blotched Pansies.....	$\frac{1}{8}$ oz. 75c. .25

GIANT PANSES.

Giant Golden Queen. Pure yellow.....	$\frac{1}{4}$ oz. 75c. oz. \$2.00 .15
Giant Atropurpureum. Deep royal purple.....	$\frac{1}{4}$ oz. 75c. .15
Giant Yellow. Yellow with black eye.....	$\frac{1}{4}$ oz. 75c. .15
Giant White. White, with purple eye.....	$\frac{1}{4}$ oz. 75c. .15
Giant Snowflake (Snow Queen or Candidissima). Pure snow white.....	$\frac{1}{4}$ oz. 75c. .15
Giant King of the Blacks. Intensely dark.....	$\frac{1}{4}$ oz. 75c. .10
Giant Striped or Mottled. Curiously striped and flamed sort in rainbow tints.....	$\frac{1}{4}$ oz. 75c. .15
Giant Hortensia Red. Very fine.....	$\frac{1}{4}$ oz. 75c. .15
Giant Mixed. Extra fine blending of colors.....	$\frac{1}{4}$ oz. 60c, oz. \$2.00 .10



Pansies.

Petunias

We pay particular attention to our Petunia stock and are sure it is unexcelled.

	Pkt.
Large Flowering Double Fringed Mixed.	\$0.50
Large Flowering Single Fringed Mixed.	.25
Large Flowering Single White.	.25
Giants of California. Many colors. Fringed and ruffled.	.25
Hybrida Howard's Star. Very useful. Medium size, rich crimson.	.15
..... Oz. \$1.25.	.15
Hybrida Single Mixed. All colors.	Oz. 50c. .10



Phlox Drummondii

These are fine summer flowering annuals.

Grandiflora. Pure white	1/4 oz. 40c. .10
Grandiflora. Finest mixed	1/2 oz. 50c. .05
Nana Compacta. Choice mixed	1/4 oz. 50c. .05
Star of Quedlinburg	.05

Poppies

ANNUAL SORTS.

Tulip. Single. Bright scarlet	1/2 oz. 30c. .05
Shirley. Finest mixed. Very popular.	1/2 oz. 30c. .10
Mikado. Double. White with crimson stripe.	Oz. 25c. .05
White Swan. Double. Pure white	Oz. 25c. .05
Best Single Mixed	Oz. 25c. .05

PERENNIAL.

Iceland. Finest mixed	1/4 oz. 20c. .10
Oriental. Deep crimson. Very showy.	1/4 oz. 20c. .05
Oriental. Mixed colors	.15

Portulaca - Purslane Family

These are succulent plants that delight in light, dry soil in a sunny situation, blooming profusely during the hottest weather and producing a gorgeous display. The seed should be sown where wanted and thinned out as required, the plants being of a spreading character. 6 inches.

Single Finest Mixed.	In numerous rich colors	Oz. 35c. .05
Double Mixed.	Extra-fine quality. A large percentage of double flowers	1/4 oz. 50c, oz. \$1.75. .10

Salpiglossis

Fine Mixed. All colors	Oz. \$1.25	.10
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Large-Flowering Fringed Petunias.

Primula

CHINESE PRIMROSES.

	Pkt.
Alba Magnifica. Fringed white..	.50
Bright red. Very fine shade..	.50
Choicest Mixed	.50

OBCONICA VARIETIES.

Grandiflora. Pure white	.25
Grandiflora. Finest mixed	.25
Gigantea. Mammoth flowers	.50

Pyrethrum

Unexcelled for ribbon borders, beddings, etc.

Aureum (Golden Feather).....	.05
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Portulaca.

Ricinus - Castor Oil Bean

Magnificent tropical looking plants for lawns or large beds.	Pkt.
Zanzibariensis. Finest of all. Gigantic leaves of various colors.....	1/4 lb. 30c, lb., \$1.00. .05
Borboniensis. Elegant green foliage.....	Oz. 10c. .05
Cambodgensis. Very dark, almost black.....	Oz. 10c. .05
Finest Mixed	Oz. 10c, 1/4 lb. 20c, lb., 60c. .05

Salvia

Bonfire (Clara Bedman). A salvia of very compact growth, vivid scarlet.	Pkt.
Very popular.....	1/4 oz. 75c. .05
Splendens. The old standard bright scarlet.....	1/4 oz. 50c. .10

Scabiosa - Mourning Bride

Very desirable for summer cut flowers.	.50
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Fine Mixed. All colors	1/2 oz. 30c. .05
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Schizanthus - Butterfly Flower

The sight of a few well-grown plants would induce anyone to grow them. They are simply elegant for decorative use in pots or for cutting.	Pkt.
Hybrida grandiflora compacta. These are large-flowered with beautiful color combinations in the same flower, as white, rose and gold; white, crimson and yellow; violet, blue and yellow, all more or less spotted. 1/4 feet high..	\$0.10
Wisetonensis. Charming long and profusely blooming hybrids. Chiefly light shades. Excellent for greenhouse culture .....	.25

Smilax

Our seed is fresh.....	Oz. 35c. \$0.05

Stocks - Ten Weeks

The Ten Weeks is the leading variety for bedding. Bloom early, grow compact.	Pkt.
Blood red	1/4 oz. 80c. \$0.10
Canary yellow	1/4 oz. 80c. .10
Bright rose	1/4 oz. 80c. .10

Cut and Come Again - Perpetual

Princess Alice. White 1/4 oz. 75c. .10	Finest mixed	1/4 oz. 75c. .10
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Sunflower

Miniature. Best mixed	Oz. 20c. .05
Globe Flowered. Fine double mixed	Oz. 20c. .05
Large Russian. Tall Mammoth flowered	Oz. 10c. .05

Sweet William - Dianthus Barbatus

Fragrant hardy Perennial. These are matchless for border and bedding wherever rich color effects are desired. They flower richly in almost any soil, bearing large heads of richest tints.	Pkt.
Pink Beauty. A rich, deep rose shade	1/4 oz. 30c. \$0.05
Scarlet King (New). An intensely deep rich, pure scarlet, a grand acquisition to this class of flowers	1/4 oz. 60c. \$0.10
Mixed. Single, all colors.....	1/4 oz. 20c. .05

Thunbergia**BLACK-EYE SUSAN.**

Very attractive, slender, climbing or trailing plants, neat for baskets, porch-boxes, etc. Flowers of various colors—pure white; white black-eyed; pure sulphur-yellow; sulphur black-eyed; orange black-eyed; sulphur white-eyed; orange white-eyed; mixed only. Pkt., 5c; $\frac{1}{4}$ oz., 25c.

Verbena

One of the most popular plants for beds. They give a wide range of beautiful colors.

	$\frac{1}{4}$ oz.	Pkt.
Mammoth White	.50	\$0.10
Mammoth Purple	.50	.10
Mammoth Pink	.50	.10
Mammoth Scarlet	.50	.10
Mammoth Blue	.50	.10
Finest Mixed	.50	.10

Vinca

Very handsome free flowering plants. Very useful.

	$\frac{1}{2}$ oz.	Pkt.
Rosea, dark eye	.40	\$0.10
White, rose eye	.40	.10
Pure White	.40	.10
Finest Mixed	.40	.10

Wallflower

In Europe these fine free blooming plants are much grown and appreciated. Grows about 18 inches high, similar to Stocks of many colors, and delightfully fragrant. Sow seed early in boxes or under glass; transplant to pots. Plunge the pots down in the garden and late in fall take in house for winter bloom.

	Pkt.
Single Mixed	$\frac{1}{2}$ oz., 40c. \$0.05
Double Mixed	$\frac{1}{4}$ oz., 50c. .10
Wild Cucumber.	See page 25.

Zinnia

These attractive and decorative hardy annuals are most desirable plants for mixed borders or bedding purposes, and are remarkable for the profusion and duration of their flowers, which are extremely useful for bouquets. Johnson's Zinnias are exceedingly handsome, the flowers being notable for their large size, fine form, brilliancy and diversity of color. The plants come quickly from seed and are easily transplanted.

NEW GIANT FLOWERED or COLOSSAL. 3 ft.

	Pkt.
White	.05
Golden Yellow	.15
Sulphur Yellow	.15
Flesh Color	.15
Crimson	.15
Scarlet	.15
Violet	.15
Purple	.15
All of above, $\frac{1}{2}$ oz.	80c, 1 oz. \$1.50.

ELEGANS FL. PL.

	Pkt.
Alba. White	$\frac{1}{4}$ oz. 25c. \$0.10
Golden Yellow	$\frac{1}{4}$ oz. 25c. .10
Flesh Color	$\frac{1}{4}$ oz. 25c. .10
Rose	$\frac{1}{4}$ oz. 25c. .10
Scarlet	$\frac{1}{4}$ oz. 25c. .10
Jacqueminot. Blood red	$\frac{1}{4}$ oz. 25c. .10
Zebra Striped	$\frac{1}{4}$ oz. 25c. .10
Double Good Mixed	$\frac{1}{4}$ oz. 15c., $\frac{1}{2}$ oz. 25c. .05

**Zinnias.**

YUCCA filamentosa (Adam's Needle). Splendid hardy plants for shrubbery or lawn groups, with elegant spikes of creamy-white flowers; leaves with thread-like filaments on their edges. 4 feet. Pkt., 15 cents.

Johnson's High Grade Sweet Peas

Our list of Sweet Peas is carefully revised and kept up-to-date and we believe every sort we offer is entitled to a place in the front rank. They are produced on contract for us by the most competent and skillful Sweet Pea specialists in Europe and America.

**Johnson's Best Grandiflora Mixture**

This is a special blend of grandiflora varieties put up by ourselves and can not be excelled for quality and range of color. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; \$1.00.

Standard Grandiflora Sweet Peas

Black Knight.	Deep maroon. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c.
Blanche Ferry.	Pink and white. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c.
Blanche Burpee.	Snowy white. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c.
Countess of Radnor.	Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c.
Dorothy Eckford.	The best white. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c.
Helen Pierce.	White, mottled bright blue. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c.
Katherine Tracy.	Soft rosy pink. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c.
King Edward VII.	Rich deep scarlet. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c.
Emily Henderson.	White, early. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c.
Navy Blue.	Deep violet blue. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c.
Lady Grisel Hamilton.	Soft Lavender. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c.
Lovely.	Standard and wings deep pink, shading to a very light pink at the edges; vigorous grower; mostly four flowers to a stem. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 35c.
Lottie Eckford.	Large, silvery white flowers, shaded and edged with soft lavender. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c.

Mixtures of Separate Shades

It is undeniable that a bunch of Sweet Peas of pink or white or other colors which harmonize together is much more effective than a similar bunch where all the colors are mixed together. For such as prefer to grow the various colors separate we have prepared the following mixtures out of the finest named sorts:

Pink Shades.	Light to deep pink.
Red Shades.	Bright rose to dark scarlet.
Lavender and Blue Shades.	Lavender to heliotrope.
Purple and Maroon Shades.	All the dark colors.
White and Primrose Shades.	All the delicate tints.
Striped Sorts.	Various striped combinations.

Price, any of the above, 10c per oz., 30c per $\frac{1}{4}$ lb., \$1.00 per lb.
Collection of one ounce each of the 6 shades, 50c.

SWEET PEAS—Continued.

Johnson's Selected Spencers

The Spencers or Orchid-flowering sorts bear very large flowers which are waxy or crinkled at the edges. Just as easy to grow as the common sort. The seeds should be sown early in spring; or, when the ground is not readily prepared in spring, fall sowing may be made, excepting the white-seeded varieties, which should not be sown until soil becomes quite warm and dry; or they may be started early in pots in greenhouse or frame and planted out as early as the weather permits. White-seeded varieties, which are more tender than the dark-seeded, should be sown in sand to germinate and then transplanted in soil.

Pamphlet on Sweet Pea Culture, Free.

Prices of all varieties. Pkt., 10c; oz., 30c; $\frac{3}{4}$ lb., \$1.00.

Apple Blossom Spencer. Rose and blush-pink, very large. Asta Ohn. Soft lavender tinged with mauve.

Aurora Spencer. Striped and flaked salmon-rose on a white ground; very large, bold flower.

Black Knight Spencer. Large, rich, deep maroon.

Blanche Ferry Spencer. Identical in color to the popular pink and white Blanche Ferry, immense waxy flowers.

Countess Spencer. A lovely clear pink, shading deeper at the edges, the original of this type.

Dainty Spencer. Very large beautifully waved flowers of pure white, daintily edged pale rosy-pink.

Florence Morse Spencer. Delicate blush with pink margin; a charmingly beautiful flower of very large size.

Frank Dolby. The largest and finest pale lavender blue.

George Herbert. Bright rose-carmine; very showy.

Helen Lewis (Orange Countess). Brilliant crimson-orange, wings orange-rose.

Illuminator. Rich salmony-orange overlaid with bright cerise-pink, the effect being a glowing orange-scarlet; flowers uniformly large.

King Edward Spencer. Bright crimson-scarlet. Magnificent in size and color.

Mrs. Routzahn Spencer. Soft chamois-pink, a beautiful shade, and charming as a cut flower.

Mrs. Walter Wright Spencer. A beautiful shade of deep mauve.

Primrose Spencer. The largest and finest primrose-yellow.

White Spencer. A pure wavy white of enormous size and splendid substance; long, strong stems.

Johnson's Grand Spencer Mixture

A liberal planting of this mixture will furnish a most magnificent display of Spencer types, including not only about all sorts now introduced, but many new ones not yet on the market. All shades of color, white lavender, shades of scarlet, striped, purple and maroon. Gigantic Waved Spencer Type. Pkt., 10c; oz., 20c; $\frac{3}{4}$ lb., 65c; lb., \$2.25.

Orchid Flowered, or Spencer Forcing Sweet Peas

Invaluable for growing under glass. They bloom in about three months from time of sowing. Each packet contains 50 seeds.

Early Asta Ohn. A very popular lavender. Pkt., 25c; $\frac{1}{2}$ oz., 75c; oz., \$1.25.

Early Blanche Ferry. Identical in color to the popular late-blooming pink and white variety. Pkt., 25c; $\frac{1}{2}$ oz., 75c; oz., \$1.25.

Early Cream. Identical in color to the splendid cream, late-flowering variety. Pkt., 25c; $\frac{1}{2}$ oz., 75c; oz., \$1.25.

Early Heatherbell. A beautiful shade of rich lavender-mauve. Pkt., 25c; $\frac{1}{2}$ oz., \$1.00; oz., \$1.50.

Early President Wilson. A bright rosy carmine. Pkt., 25c; $\frac{1}{2}$ oz., \$1.00; oz., \$1.50.

Early Rose Queen. A very popular shade of rose-pink. Pkt., 35c; $\frac{1}{2}$ oz., \$1.50; oz., \$2.50.

Early Scarlet Emperor. A bright scarlet in color. Pkt., 35c; $\frac{1}{2}$ oz., \$1.50; oz., \$2.50.

Early Snowstorm. One of the best white varieties. Pkt., 25c; $\frac{1}{2}$ oz., \$1.00; oz., \$1.50.

Early Songbird. A pale pink variety, similar in color to the late-flowering Florence Morse Spencer. Pkt., 25c; $\frac{1}{2}$ oz., 75c; oz., \$1.25.

Early Helen Lewis. A fine shade of salmon-pink. Pkt., 25c; $\frac{1}{2}$ oz., \$1.00; oz., \$1.50.

Early Spring Maid. A very light pink on a cream ground. Pkt., 25c; $\frac{1}{2}$ oz., 75c; oz., \$1.25.

Early Hercules. Identical in color and size of blossom to the late-flowering Hercules which is considered a glorified Countess Spencer. One of the finest bright pinks. Pkt., 25c; $\frac{1}{2}$ oz., \$1.00; oz., \$1.50.

Early Melody. Beautiful shade of soft rose-pink. Pkt., 25c; $\frac{1}{2}$ oz., 75c; oz., \$1.25.

Early Morning Star. A beautiful shade of orange-scarlet. Pkt., 25c; $\frac{1}{2}$ oz., \$1.00; oz., \$1.50.

Early Mrs. Spanolin. The finest black-seeded white variety. Pkt., 25c; $\frac{1}{2}$ oz., \$1.00; oz., \$1.50.

Early Mrs. A. A. Skaach. Flowers bright, shell pink.

Early Venus. Similar in color to Dainty Spencer in the late-flowering variety. Standard white, slightly flushed pink wings. Pkt., 25c; $\frac{1}{2}$ oz., 75c; oz., \$1.25.

Early Wedgwood. Same in color and size of blossom as the late-flowering Wedgwood and a magnificent clear blue. Pkt., 25c; $\frac{1}{2}$ oz., \$1.00; oz., \$1.50.

Early White Orchid. A pure white. The flowers are of splendid substance. Pkt., 25c; $\frac{1}{2}$ oz., 75c; oz., \$1.25.

Early Yarrawa. This beautiful variety has found a ready sale. The foliage is very heavy and the growth robust, sometimes reaching the height of 12 feet. The flowers are large and of a bright rose-pink color. Pkt., 20c; $\frac{1}{2}$ oz., 60c; oz., \$1.00.

Summer Flowering Bulbs and Roots

Large Flowering Cannas

For grouping on lawns, or for large beds, no plants are more effective. They bloom soon after planting. We offer the following choice varieties. Foliage green where not noted.

Canna tubers should not be put into the ground until the soil has become warm. They commence blooming in June and continue until late in September. Every shoot bears a flower, and these shoots are being constantly produced throughout the season.

All varieties, except where noted, 15c each, \$1.50 per doz., \$8.00 per 100. Mailing weight, 3 ozs. each, 2 lbs. per doz.

Beacon. Rich cardinal-red; medium size; free flowering. 3½ ft. 20c each, \$2.00 per doz.

Black Prince. Dark, velvety crimson; large clusters. 4½ ft.

Brandywine. Orchid-flowered. Intense red, mottled with deep crimson. 4 ft.

Charles Henderson. Deep crimson throat, yellow-flamed. 3½ ft.

Crimson Bedder. Dazzling crimson-scarlet; well displayed above the foliage. 3 ft.

Duke of Marlborough. Deep crimson-maroon. 4 ft.

Florence Vaughan. Bright, rich golden yellow, spotted red; large flowers. 4½ ft.

Italica (Orchid). Great crinkly petals of clear yellow, overlaid with orange-scarlet. 5 ft.

King Humbert. Orchid-flowered. Bronze foliage. Brilliant orange-scarlet, bright red shading; large trusses. 5 ft.

Mlle. Berat. Rich rosy carmine or pink flowers. 4 ft.

Mme. Crozy. Brilliant vermillion-scarlet, bordered yellow.

Martha Washington. Handsome broad-flowered rosy pink. 3 ft.

Mrs. Kate Gray. Orchid-flowered. Full head of soft orange, shaded carmine, and yellow-dotted throat. 5 to 6 ft.

Mrs. Karl Kelsey. Orchid-flowered. Orange-scarlet, flaked and striped golden yellow. 6 to 7 ft.

Meteor. Massive, erect trusses of deep blood-red flowers; the best red bedder. 5 ft.

Prince Wied. Rich deep crimson flowers, produced in large clusters. 4 ft. 20c each, \$2.00 per dozen.

Rosea gigantea. Largest of all Cannas. Rich rose-pink. 4 ft.

Souvr. d' Antoine Crozy. Rich, dazzling scarlet, golden yellow edges. 3 ft.

Splendor. Salmon-scarlet flowers of immense size in spreading turrets. 3½ ft.

Caladiums

Esculentum (Elephant's Ear). Unequalled as a foliage plant. The leaves are shield-shaped, bright green, often measuring 3 ft. or more in length and breadth. Very imposing in appearance when developed. Need very rich soil and an abundance of water.

Extra Large. 11 to 12 in. in circumference. 40c each, \$4.00 per doz.

First Size. 9 to 11 in. in circumference. 30c each, \$2.75 per doz., \$21.50 per 100.

Second Size. 7 to 9 in. in circumference. 15c each, \$1.50 per doz., \$10.50 per 100.

Third Size. 5 to 7 in. in circumference. 10c each, 90c per doz., \$7.50 per 100.

Dahlias

Dry Roots. A large number of varieties of each of the various styles of Dahlias, such as Pompon, Show, Cactus, Collarette and Single. 20c each, \$2.00 per doz.

Started Roots. Ready about May 15th. All the best Pompon, Cactus and Show varieties.

Cinnamon Vine

Hardy climber with dark-green foliage, and bearing a profusion of small white flowers of delicious fragrance. 10c each, 90c per doz.

Madeira Vine

A rapid-growing climber, bearing graceful racemes of fragrant white flowers; of great value for covering porches and arbors. 5c each, 50c per doz.

Tuberoses

After careful selection we have greatly improved the Tuberose in dwarf habit of growth. Yields longer spikes than the old style, and produces large double flowers which are very highly perfumed.

Excelsior. Double Pearl. Selected large bulbs. Price: each 10c; doz., \$1.00; 100 for \$7.00.

Miscellaneous Climbers

During spring we shall carry an assortment of vines in stock as follows, and will also be able to supply many others not mentioned.

Honeysuckle. Very hardy, deliciously fragrant. 40c each.

Jackman Clematis. Rapid grower, flowers abundantly, 60c.

Moonflower. Well known evening bloomer. 15c each.

Dutchman's Pipe. Very hardy. Makes dense shade. 75c each.

Boston Ivy. Very popular hardy vine for brick walls. 50c

We make a great specialty of Vegetable Plants, growing them fresh and in good condition.



Cannas used in combination with other leading plants.

Iris

Kämpferi (The Japanese Iris). Handsome, summer-flowering varieties, blooming from June to August. They prefer rich, moist soil, but will thrive in any fair soil. Ten choicest varieties, clumps, 25c each, \$2.50 per doz., \$15.00 per 100. Set of ten, \$2.00.

Germanica. Very handsome and thrives anywhere. Finest mixed. 10c each, \$1.00 per doz., \$6.00 per 100.

Choice Named Herbaceous Peonies

Nobler objects for the mixed border can scarcely be imagined. If left undisturbed they form large stools, and produce magnificent flowers in great profusion.

Festa Maxima. The finest white in cultivation. Each, 50c.

L'Esperance. Deep rose with crinkly, white tips; extra large and fine; the earliest large pink. Each, 50c.

Charlemagne. Large, bold, solid-colored rose-pink; mid-season. Each, 50c.

Rubra Superba. Best dark bedding peony. Each, 50c.

Jeanne d'Arc. A choice variety notable for its exquisite perfume and other good cutting qualities. Guards pale lilac-pink, with full tufted center of sulphur white. Each 50c.

Bedding Plants

We will have a large line of the best bedding plants, such as *Asters*, *Coleus*, *Geraniums*, *Heliotrope*, *Pansies*, *Petunias*, *Salvia*, *Verbenas*, etc., at popular prices.

Perennial Plants

Hardy Perennials or "Old Fashioned Flowers" are rapidly growing in popular favor. Our assortment will include the best and our prices very reasonable for first stock. Please ask for Complete Descriptive List with best prices.

Vegetable Plants

We will have a large supply of all varieties of Vegetable plants, such as *Cabbage*, *Cauliflower*, *Celery*, *Tomato*, *Egg and Pepper* plants, and our prices will be reasonably consistent with good fresh stock. We supply the seed and take great care in growing our plants so that the product will be first class when grown under favorable conditions.

from only the very best seed and sparing no pains to have them fresh and in good condition.

Superb Named Gladioli

This is one of the best of the Summer-flowering bulbs. It is a flower anyone can grow, and is lovely enough to satisfy the most exacting. There is no limit to the range of color—pink, scarlet, crimson, yellow, white and a host of other colors.

Nothing is finer for vases than a bunch of Gladioli. The flowers will last for days, and the buds develop into blossoms after being cut.

Write for prices on Gladioli in lots of one thousand or more. We will carry in stock many varieties which we have not room to describe here.

GLADIOLUS CULTURE. Free, on request, with any order.

America. The finest for cutting. Color, a beautiful soft flesh pink..... Doz. 100 \$0.65 \$4.50

Augusta. One of the most popular white varieties for cutting65 4.50

Baron Hulot. Rich, deep violet blue..... .80 6.00

Brenchleyensis. Vermilion scarlet60 4.50

Empress of India. Rich velvety dark red with deeper shadings90 6.50

Europa. The finest of all white sorts. Large individual flowers on long strong spikes..... 1.50 10.00

Halley. Delicate salmon-rose; immense flower, with a creamy yellow blotch on the lower petals, forming a perfect and large spike..... .65 5.00

Kunderdi Glory. The ruffled Gladioli. Creamy white, striped crimson..... .95 7.00

Klondyke. Clear yellow, blotted maroon..... .65 4.50

Mrs. Francis King. A striking shade of light scarlet or flame color, a very effective and profitable cut flower variety..... .65 4.50

Mrs. Frank Pendleton. A very choice sort, with orchid-like flowers of salmon-pink, with brilliant deep red blotches in the throat..... .90 7.00

Niagara. Delicate cream yellow lightly marked with rosy-carmine in the throat. A very choice high-grade variety..... .90 7.00

Panama. Has all the grand good qualities of America, but of a rich rose-pink color



	Doz.	100
Peace. A beautiful and refined pure white, lightly touched with carmine on the lower petals	\$0.90	\$7.00
Pink Perfection. A very beautiful apple blossom-pink suffused with chamomile	1.00	7.00
Principes. Immense, wide-open flowers, almost 6 inches across, of a rich, dazzling, scarlet, marked with white in the lower portion, which serves to intensify the brilliancy of the scarlet .....	.80	6.00
Schwaben. A fine strong growing variety with massive spikes of clear canary-yellow, with small garnet blotch in throat .....	.95	7.25
Sulphur King. This splendid variety is generally conceded to be the finest clear yellow yet introduced. It produces extra long spikes well filled with its attractive flowers which are of good size. 30c each	3.00	20.00
War. Deep blood-red, shaded crimson-black. Very tall and conspicuous	1.50	10.00
Willy Wigman. Blush white, dark blotch, fine form .....	.95	7.25

Gladioli in Splendid Mixture

	Doz.	100
(First Size)		
White and Light Shades.....	\$0.45	\$3.25
Shades of Pink and Rose .....	.50	3.25
Shades of Red and Scarlet.....	.50	3.25
Shades of Yellow and Orange ..	.70	4.75
Complete Mixture. All colors ..	.45	3.25
Johnson's Superb Mixed. Composed of the choicest named varieties including also the Vilmorin kinds and Nancceanus sorts. The best possible mixture, and without an equal in America .....	.65	4.00

Insecticides and Fungicides

Prices on some articles listed below are necessarily subject to change because of market fluctuations.

Ant Exterminator. For red and black ants. This powder exterminates them. $\frac{1}{4}$ lb., 25c; $\frac{1}{2}$ lb., 40c; 1 lb., 75c.

Aphine. For destroying aphid, green fly, thrip, red spider and other greenhouse and outdoor insects. It dilutes readily in water about 1 part to 40 of the latter. Pt., 75c; qt., \$1.15; gal., \$3.00.

Arsenite of Lead, Paste. Very effective for combating the codling moth and all other leaf-eating insects. Lb., 35c; 5 lbs., \$1.60; 10 lbs., \$3.00; 20 lbs., \$5.00.

Arsenite of Lead, Powder. Preferred by some to the paste form as it stands suspension longer. Lb., 55c; 5 lbs., \$2.50.

Black Leaf 40. A concentrated solution of nicotine sulphate, an excellent spray for black aphid and sucking insects of all kinds. Full directions on each package. 25c.

Bordeaux Paste, Grasselli Brand. Ready for use by simply adding water. Lb., 45c; 5 lbs., \$1.75; 10 lbs., \$2.90.

Bordeaux Mixture, Powder. Lb., 50c; 5 lbs., \$2.25; 10 lbs., \$4.00.

Careo. Stirred into the soil around plants, it drives away cutworms, etc., also insects which mutilate radishes, turnips, etc. Pt., 50c; qt., 75c.

Gets-There Soap. For washing palms. 3 lbs., \$1.00.

Fungine. A remedy for mildew, rust, bench-rot and other fungi. Does not stain the foliage. Pt., 75c; qt., \$1.15; gal., \$3.50.

Hellebore, Best Grade, Powdered, White. For rose-slugs, currant worms, etc. Lb., 60c; 5 lbs., \$2.50.

Lemon Oil. Claimed by many to be the best and cheapest insecticide in the market. Used now by nearly all the leading growers. It effectually controls mealy bug, scale, thrip and red spider. Pt., 60c; qt., \$1.00; gal., \$2.50; 5-gal. keg, \$10.50.

Lime-Sulphur Solution. For San Jose and all other scale insects. A fungicide. When used against scale, spray when the tree is dormant in the early spring or late fall. Qt., 40c; 2 qts., 65c; gal., 90c; 5 gals., \$3.50; $\frac{1}{2}$ bbl., 23c per gal.; bbl., 20c per gal.

Nico-Fume, Paper. For fumigating. Strips of paper strongly saturated with nicotine. Very convenient and effective. Cans, 24 sheets, \$1.25; 144 sheets, \$5.00; 288 sheets, \$9.50.

Nico-Fume Liquid. For spraying and vaporizing. $\frac{1}{4}$ lb., 60c; lb., \$2.00; 4 lbs., \$7.50; 8 lbs., \$14.50.

Nikotene. 1 pt., \$2.00; case 10 pts., \$18.00.

Paris Green. Particularly effective in eradicating the potato bug. Lb., 65c.

Persian Insect Powder. Non-poisonous. A superior grade. Kills all kinds of insects on plants in the garden and in the home. $\frac{1}{4}$ lb., 25c; lb., 75c.

Rose Bug Exterminator, Readeana. A killer of insect life on flowers, shrubbery and vines, absolutely harmless. $\frac{1}{4}$ pt., 35c; $\frac{1}{2}$ pt., 60c; qt., \$1.50; gal., \$4.50.



Pyrox. A combined insecticide and fungicide for all leaf-eating insects. Recommended for potatoes. Lb., 45c; 5 lbs., \$1.75; 10 lbs., \$3.00; 25 lbs., \$6.25; 50 lbs., \$11.00; 100 lbs., \$20.00.

Rat Corn. A thoroughly tried and proved destroyer of rats and mice. Cans, 25c, 50c, and \$1.00.

Red Wing Insect Powder. Prices, 10c, 25c, and \$1.00.

Scalecide. Used for the destruction of the San Jose Scale. Dilute at the rate of 1 gallon Scalecide to 20 gallons of water. Scalecide does not clog nozzles or pump. Qt., 65c; gal., \$1.60; 5 gals., \$7.00; bbl., \$43.00.

Sulpho Tobacco Soap. An excellent article for the greenhouse or conservatory. Especially good for destroying scale on palms and other plants. Soluble in warm water. 3 oz., 10c; 8 oz., 25c.

Slug-Shot. Non-poisonous powder. Very effectual in destroying potato bugs, beetles, slugs, worms, caterpillars. Use by dusting on plants. 1 lb. carton, 20c; 5 lbs., 60c; 10 lbs., \$1.00; 25 lbs., \$2.50.

Sulphur. For mildew on plants, etc. Lb., 12c; 5 lbs., 55c; 10 lbs., 90c; 25 lbs., \$1.75.

Tobacco Dust. The most effective and cheapest remedy for the flea on cabbage, etc. Lb., 10c; 5 lbs., 40c; 10 lbs., 70c; 50 lbs., \$2.50; 100 lbs., \$5.00.

Thrip Juice (Hammond's No. 2). Effective for exterminating aphis, red spider, mealy bug, etc. Pt., 75c; qt., \$1.20; gal., \$3.50.

Tree Tanglefoot. A paste preparation for painting around the trunks of trees, in the form of a band, and insects and other crawling pests cannot get over it. Lb., 60c; 3-lb. cans, \$1.45; 10-lb. cans, \$4.50; 20-lb. cans, \$8.50.

Tree Tape. Does all that the Tanglefoot will do, is more economical and is not unsightly. 5c per foot.

Worm Eradicator, Reade's. For removing worms from greenhouses, lawns, flower-pots, vases, etc., without damage to the plants. Bottles, 50c and \$1.00; gal., \$4.00.

Whale, or Fish-Oil Soap. For destroying and preventing insects on plants, trees, vines, etc. Very easily applied and very effective. Lb., 25c; 5 lb. can, \$1.10.

X. L. All Compound. For spraying very delicate plants; kills mealy bug, red spider and all insect pests. Pt., \$1.50; qt., \$2.50; 2 qts., \$4.25.

High-Grade Fertilizer

Bone Meal. See fourth cover page.

Clay's Fertilizer. Very scarce. Write for prices.

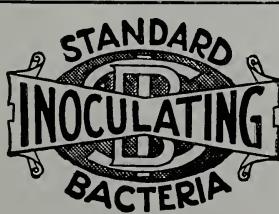
Garden and Lawn Fertilizer. See fourth cover page.

Nitrate of Soda. Apply 100 to 150 lbs. per acre, mixing with land plaster or other fertilizers to render application more easy. Use only after plants are above ground. If used in liquid form dilute 2 ozs. to 1 gal. of water and do not apply oftener than twice a week. 5 lbs., 60c; 10 lbs., \$1.00; 25 lbs., \$2.25; 50 lbs., \$4.00; 100 lbs., \$7.00.

Lawn Lime. See outside back cover.

Shredded Cattle Manure. A pure manure, light, clean and easily handled. Used extensively for cut flower forcing. 100 lbs., \$3.00; 500 lbs., \$13.00.

Sheep Manure. Apply 1,000 lbs. per acre. For garden, lawn or greenhouse use nothing surpasses sheep manure; it is clean and easily handled, besides giving immediate results. 2 lbs., 15c; 5 lbs., 30c; 10 lbs., 50c; 25 lbs., \$1.10; 50 lbs., \$2.00; 100 lbs., \$3.50; 500 lbs., \$15.00.



Alfalfa. Vetch.
Soy Beans. Field Peas.
Sweet Clover. Garden Peas.
Crimson Clover. Sweet Peas.
Alsiike Clover. Garden Beans.
Red Clover. Peanuts.
And all other legumes.

Grown Direct from Nodules.
Highest Possible Virility.
Increases the Yield.
Enriches the Soil.

Standard Inoculating Bacteria

Standard cultures are not cheap cultures. They may be cheaper in price than some but in price only. They cannot be made better if ten times the price were offered. Every package is fully guaranteed.

All legume crops should be inoculated with Standard Cultures. Artificial inoculation with pure cultures has long since been determined to be the only safe and sure way. Inoculated legumes take their supply of nitrogen from the air and not only feed themselves during growth but store up a surplus in the nodules formed on the roots for succeeding crops. But unless the proper bacteria are supplied or present there will be few if any nodules. Neither will the crop be maximum. A good legume crop will store up in the soil for use for future crops as much nitrogen as can be obtained for thirty to fifty dollars in commercial nitrogen carrying fertilizer materials. Take no chance. Inoculate all legumes with Standard Cultures.

Standard Cultures are put up in amber colored glass bottles (excluding the blue light ray which is deadly to many germs) with rubber corks and with glass air tubes and cotton filters. Thus prepared they retain their virility even for years.

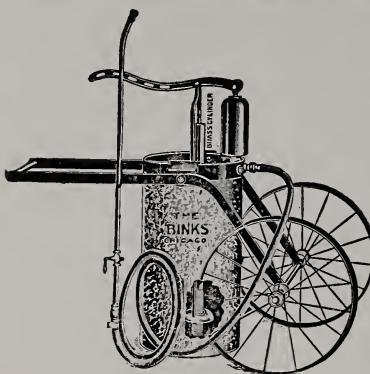
EASY TO APPLY.
Full Directions in Every Package.

Garden Size	\$0.50	4 Acre Size	2.25
1 Acre Size .....	.75	6 Acre Size	3.00
2 Acre Size	1.45		

Sent postpaid on receipt of price. One acre size sufficient for about 20 pounds of alfalfa, clover or other small seed, and for about 90 pounds of peas, beans or other large seeds. When ordering, state crop to be inoculated.

Standard Cultures are guaranteed by us and by makers.

SPRAYERS



with $1\frac{1}{2}$ -inch tire, and is easily wheeled about. The pump is constructed of the best materials throughout and equipped with our patented agitating device which cleans strainer at every operation of the pump handle, making clogging impossible. Price, \$18.50.

No. 9 Prize Barrel Sprayer

Adjustable plates permit mounting on end or side of either large or small barrels without extra parts or any change whatever. Will supply two leads of hose. Submerged Brass Cylinder two and one-half inches in diameter. Brass ball valves, cage and seat. Special fabric plunger. Air Chamber two and three-quarter inch wrought iron. Double paddle agitator. Brass strainer or intake pipe. Price with five feet of hose and "Kant-Klog" nozzle, \$16.75.

No. 12 Barrel Sprayer

Easy working, high pressure, low price. Clamps to top and anchors to bottom of barrel. Cylinder one and three-quarter inches in diameter. Five feet of hose and "Kant-Klog" nozzle, \$12.00.

Junior No. 5 Force Spray Pump

In this Junior 5 Spray and Force Pump we do away entirely with the objectionable footrest, clamps, leather suction, packing, etc. This pump requires no fastening of any kind. All the operator need do is press the plunger down—a flexible coil spring making the upward stroke.

Easy working and will do more different kinds of work than other pumps because will pump from Pail, Barrel, Tank, Spring or Creek, without fastenings of any kind.

Solid Brass except handle and hose. Even the Suction is Solid Brass with expanding spring rings similar to an engine piston. No leather suction or packings to dry up and give trouble.

Makes one round spray, one flat spray and two sizes of solid streams. Automatic mixer keeps solution stirred.

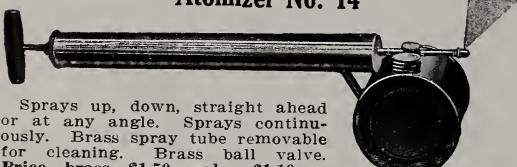
Price of Pump complete as shown in cut, \$4.50. Brass pipe for elevating nozzle in tree spraying. Length, 3 feet. Price, 80c.

Brown

Continuous Spray

Sprays fly oils and disinfectants as well as the regular spraying materials. An extra nozzle is furnished for spraying under side of the foliage. Holds 1 quart. Price, No. 25B, galvanized tank, \$1.25; No. 25C, brass tank, \$1.50.

Atomizer No. 14



Sprays up, down, straight ahead or at any angle. Sprays continuously. Brass spray tube removable for cleaning. Brass ball valve. Price, brass, \$1.50; galv., \$1.10.

The Auto Sprayer

Eight to ten strokes of plunger in air chamber will compress enough air to discharge the entire contents and make a continuous spray for nine minutes. Can be charged in fifteen seconds, when it will work long enough to spray a quarter acre. The sprayer is carried by a shoulder strap and will cover ten times more area in a day than can be covered with the old-style sprayers. Auto Sprayer, No. 1 B., brass tank, with Auto-pop, \$10.50; Auto Sprayer No. 1 D., galvanized tank, with Auto-pop, \$8.00. Two-row attachment for spraying two rows at one time, \$1.85; two feet of brass extension pipe, 80c; steel, 60c; brass elbows for spraying under vines, 40c; brass strainer for straining solution, \$1.20.

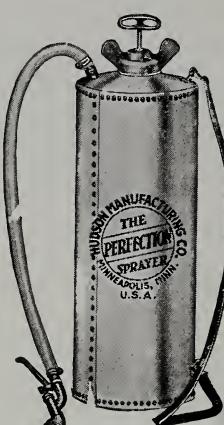
Binks' No. 21-Portable Sprayer

No. 21. Our Style No. 21 Portable Sprayer is adapted for all spraying purposes, and is a most excellent machine for the average grower, truck-garden owner, or suburban home. The machine is equipped with a well-made reinforced 12-gallon tank, large steel-wire wheels and seat. Special fabric plunger. Air Chamber two and three-quarter inch wrought iron. Double paddle agitator. Brass strainer or intake pipe. Price with five feet of hose and "Kant-Klog" nozzle, \$16.75.



Binks Universal Compressed Air Sprayers

No. 22. This Sprayer is for those wishing a high-grade compressed-air Sprayer. It is the only machine of this design on the market guaranteed to operate at 60 to 80 pounds pressure. Each and every machine is thoroughly tested to 100 pounds hydraulic pressure before leaving factory. Furnished complete, as illustrated, with 3 feet of 5-ply hose, auto pop-cock, and combination nozzle for fine and coarse spraying. Each machine packed in individual, heavy, card-board box. Price, \$6.75.



Perfection.

Perfection Sprayers

The sprayer with a tank like a steam boiler. Made of heavy galvanized steel with riveted seams. Fitted with Perfection shut-off valve and Angle fog nozzle. Full directions with each machine. Each, \$7.00, complete.

Style G "Kant Klog" Sprayer

The Sprayer body is made of heavy polished brass or galvanized steel as desired. Both top and bottom are dome shaped; joined to body under heavy pressure, making a complete double seam.

A few seconds working of the air pump charges the sprayer with compressed air, a powerful and elastic force, which discharges the liquid in the form of either fine sprays or solid streams as desired.

Sprays Trees, all kinds of Small Fruits and Garden Vegetables, Disinfectants, Whitewash and many other uses. Brass, \$9.50. Galv., \$7.50.



Rochester Duster No. 6

For applying insecticides, disinfectants, etc., in dry form.

Funnel can be turned up for dusting under side of foliage. Capacity, $1\frac{1}{2}$ quarts. Price, \$1.50 each.

Style G—Kant Klog.

Planet Jr. Garden Tools

Your patriotism urges you to do more. Do you wonder how you can care for increased acreage of corn, beans, peas and potatoes, etc.? Get Planet Jr. Cultivators.



They solve the problem; they do the work so easily, quickly and thoroughly you can cultivate three times the ground possible with ordinary out-of-date tools; and they produce bigger and better crops.

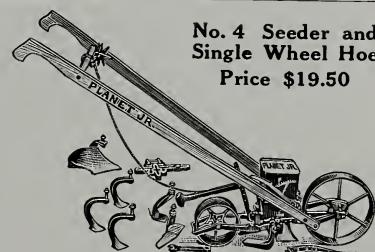
No. 25 Seeder and Double Wheel Hoe
Price \$23.00



With No. 25 two acres a day can easily be worked, and when it is done, it will be a better job than several men could have done in the same time with hand hoes.

No. 4 pays for itself in a season and will last for years. Thousands have been sold in this and in many foreign countries.

No. 4 Seeder and Single Wheel Hoe
Price \$19.50



No. 31 Seeder and Single Wheel Hoe
Price \$13.00



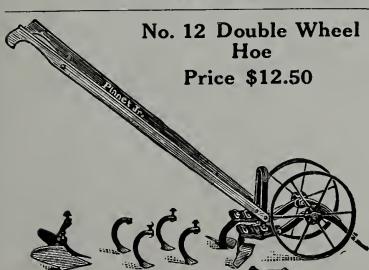
No. 31 will delight the suburbanite or the growing boy who knows that a certain amount of garden work is to be part of his service.

No. 3 is a favorite among onion growers, market gardeners and seedsmen.

No. 3 Seeder
Price \$18.50



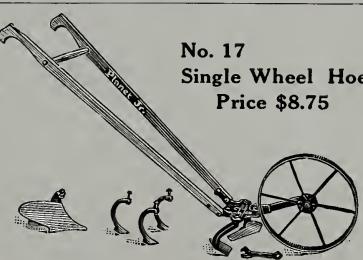
No. 12 Double Wheel Hoe
Price \$12.50



The attachments sold with No. 12 are what gardeners use most, and the others can be added as wanted.

The No. 17 has a pair of 6-inch hoes, a plow and a set of cultivator teeth, an outfit sufficient for most garden work.

No. 17
Single Wheel Hoe
Price \$8.75



No. 90 Twelve-Tooth Harrow and Cultivator
Price \$20.00



No. 19 is strong well made, and quickly adjusted. The height of the handles can be changed to suit man or woman, boy or girl.

The chisel-shaped teeth on No. 90 go as deep or shallow as you like, close to row, without injuring plants, cut out all weeds, stir the soil and mellow and fine it as with a garden rake.

No. 19 Garden Plow and Cultivator
Price \$6.25



Miscellaneous Garden Requisites

Aprons, Gardeners' Rubber. Heavy, \$2.50. Lighter weight rubber, (1 lb.), \$1.25.

Asparagus Knives. Curved blade. Each, 55c.

Bill Hooks. English, for trimming shrubbery. Ask for prices.

Bellows. For sulphur. Most durable quality. Each, \$2.50.

Charcoal. Fine or coarse. 2 lbs., 20c; 10 lbs., 75c; 50 lbs., \$3.50.

Corn Knives. For cutting down cornstalks. Each, 90c.

Dandelion and Plantain Puller, Bateman's. Each, 35c.

Dibbles. Steel point. Each, 50c; 3 for \$1.40.

Dusters, Little Giant. Each, \$1.50.

Dusters. Leggett's Champion. Each, \$15.00.

Forks, Weeding. No. 40. Each, 20c.

Forks, Weeding, Gem. Each, 45c; doz., \$4.25.

Forks, Potato, Digging. 6 tines. Each, \$2.00.

Forks, Spading. 4 angular tines. Each, \$2.00.

Forks, Manure. 6 tines. Oxford. Each, \$2.25.

Fumigating Lamps. For vaporizing Nicotine, 85c.

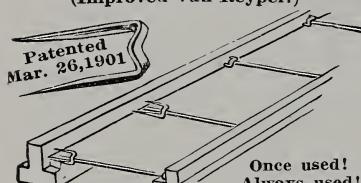
Garden Line. White, glazed. Superior to Italian Hemp garden line.

48 feet weighs 6 ounces. 48 feet, 75c.

Garden Line Reels, with stake, \$2.50.

Glass Cutter, No. 1 Turret Head, Tested. (4 ozs.) Each, 40c.

"PEERLESS" GLAZING POINT. (Improved Van Reyper.)



Once used! 1 and Skylight glass. Price, per Always used! 1,000, 75c; postpaid, 90c. 5,000, Always used! \$3.50. by express.

Grafting Wax. $\frac{1}{4}$ lb., 15c; $\frac{1}{2}$ lb., 20c; 2 lbs., 35c; 5 lbs., \$1.60.

Grass Edger, American. 9-inch blade, 90c.

Grass Hooks. See Sickles.

Hanging Baskets. Galvanized wire, 8 inch, 25c; 10 inch, 30c; 12 inch, 40c; 14 inch, 50c.

Hose, Rubber. Goodyear. $\frac{3}{4}$ inch, 50 ft., \$10.50; 100 ft., \$20.00.

Hose Menders, Brass. $\frac{1}{2}$ -inch, $\frac{3}{4}$ -inch, and 1-inch, each, 15c; per doz., \$1.40.

Hotbed Mats. See Mats.

Hoes, Garden. Solid socket, 6 inch, 90c.

Hoes, Dutch Scuffle. 6 inch blade, \$1.25; 8 inch, \$1.60.

Knives, Budding, Saynor's. One blade straight or curved. Each, \$1.75.

Knives, Pruning. Field's stag-horn handle. Each, \$1.75.

Knives, Pruning. Ivory handle. Each, \$1.00.

Knives, Propagating. Ivory handle. Each, \$1.00.

Labels, Simplex Plant, Waterproof. Neat, convenient, lasting. Size No. 1, $3\frac{1}{2}$ inch, doz., 30c; per 100, \$2.00. Size No. 2, $4\frac{3}{4}$ in.; doz., 60c; per 100, \$4.00.

Labels, Simplex Garden. Permanent, neat and not too conspicuous. Each, 20c.

Labels, Pot, Painted. Per 1,000, 4 inch, \$1.60; 5 inch, \$1.80; 6 inch, \$2.20; 8 inch, \$5.50; 12 inch, \$1.00 per 100.

Labels, Tree, Painted. Copper wired. 35c per 100; \$2.00 per 1,000.

Labels, Zinc. Price, wired, doz., 30c; per 100, \$2.00.

Lawn Sprinkler, Rainfall. \$1.35.

Mastica. Gal. \$2.50; 5 gal., \$10.50.

Mastica Machine. Each, \$2.50.

Mole Trap, Rittenhouse Self Setting. Each, \$1.00.

Moss, Log, Green. Per bag, \$3.00.

Moss, Sphagnum, Dried. Bale, \$2.50; 5 bales, \$11.75.

Mats, Hot Bed. Hotbed mats keep frosts and severe cold out of frames. They mean earlier and bigger crops. The Burlap are the best mats that it is possible to procure. They are padded with shoddy. Rats and mice do not harbor in them, and they are otherwise practically indestructible. Burlap, 76x76 inches, covering two regular size sash, Each, \$4.00.

Neponset Paper Pots. Made of water-proof paper; light, clean and unbreakable.

	Doz.	100	1,000		Doz.	100	1,000		
2 $\frac{1}{4}$ inch	\$0.12	\$0.65	\$4.35	4 inch	....	\$0.22	\$1.33	\$11.00
2 $\frac{1}{2}$ inch14	.70	5.25	5 inch	....	.30	2.20	19.00
3 inch16	.90	7.25	6 inch	....	.35	2.60	23.00
3 $\frac{1}{2}$ inch18	1.15	9.25					

Osmundine Fibre. Used for potting Orchids. Per barrel, \$3.50.

Paper, White Tissue. Prices variable.

Putty, Twemlows. Old English, Gal. \$3.75.

Putty Bulb. For applying Mastica and Putty. Each, \$1.25.

Permanite. Up-to-date Greenhouse putty. Holds fast, yet does not crack. Ask for circular. Gal., \$2.25.

Raffia. Lb., 60c; 5 lbs., \$2.75.

Rakes, Steel Garden. 12-teeth, 90c; 14-teeth, \$1.10.

Flower Pots, Prices for Standard, Low or Azalea styles.

	Doz.	100	1,000		Doz.	100	1,000		
2 -inch	\$0.20	\$1.00	\$8.50	6-inch	....	\$1.10	\$7.50	\$65.00
2 $\frac{1}{2}$ -inch25	1.50	12.00	7-inch	....	1.65	12.00	....
3 -inch35	1.60	14.50	8-inch	....	2.25	16.00	....
4 -inch45	2.50	22.50	9-inch	....	3.75	25.00	....
5 -inch65	4.75	42.50	10-inch	....	5.50	32.00	....
					12-inch	....	9.50	....



Seeder, Perfection Hand. For hotbeds, etc., \$3.00.
Seed Sowers, Cyclone. Best made. Each, \$2.50.

Miscellaneous Supplies—Continued

Little Wonder Seeder. Improved, with crank. Heavy duck hopper with shoulder strap, slant feed board, sheet steel oscillating feed plate, double flange distributing wheel, automatic feed adjustment. Each, \$2.00.

Shears, Hedge. No. 100L. For ladies' use. 6 inch blade. Each, \$1.10.

Shears, Hedge. No. 100. Forged solid steel. Steel Ferrules. 8 inch, \$1.50; 9 inch, \$1.75; 10 inch, \$2.00.

Shears, Hedge. No. 101. Notched with knife edge for cutting heavy growth. Each, 8 inch, \$1.60; 9 inch, \$1.85; 10 inch, \$2.25.

Shears, Border. No. 104. Without Wheel. Forged solid steel. 36 inch handles. Each, 8 inch, \$2.50; 9 inch, \$3.00; 10 inch, \$3.50.

Shears, Border. No. 105. With Wheel. Forged solid steel. 36 inch handles. Each, 8 inch, \$3.00; 9 inch, \$3.50; 10 inch, \$4.00.

Shears, Pruning. No. 4665, 9-inch, each, 90c. No. 607, 9-inch each, \$1.40. No. R85, 9-inch, \$2.50.

Shears, Lopping. No. 35, each, \$2.00.

Shears, Sheep or Grass Border. Each, 30c and 50c.

Shovels. Dennis, solid steel, round point, D handle, \$1.85.

Sickles, For Grass. No. 1, each, 75c. No. 75, each, 60c. No. 5, each, 45c.

Sieves. Any size mesh; made to order. Extra heavy, 18 inch, \$1.75.

Spades, Steel. Best. Each, \$1.75.

Silkaline. For stringing smilax, etc. Spool, 35c; 8 spools, \$2.50.

Sprinkler, Scollay's Rubber. Each, \$1.25.

Syringes, Brass Greenhouse. No. 11. One stream, two sprays. Each, \$7.50.

Stakes, Japanese Cane. Natural. 6 ft. Per 100, \$3.00; per 250, \$7.00; per 1,000, \$25.00.

Hyacinth Sticks, Green. 12-inch, per 100, 40c; per 1,000, \$2.00; 18-inch, per 100, 50c; per 1,000, \$2.50.

Stakes, Japanese Green Cane. Prices on application.

WOOD STAKES. Light tapering, round, painted green:

Per doz.	Per 100	Per doz.	Per 100
1 $\frac{1}{2}$ feet	\$0.40	\$1.75	
2 feet	.50	3 $\frac{1}{2}$ feet	\$1.10 \$ 7.00
2 $\frac{1}{2}$ feet	.70	4 feet	1.20 8.00
3 feet	1.00	5 feet	1.50 10.50

Tree Tubs. Made from Virginia White Cedar, painted green. Handles extra, 30c per tub.

Richmond Style.

Size	Diam.	Each	Size	Diam.	Each
No. 3.	8-inch	\$.90	No. 1.	12-inch	\$3.00
No. 5.	10-inch	1.20	No. 2.	13-inch	4.00
No. 7.	12-inch	1.60	No. 3.	14-inch	5.00
No. 9.	14-inch	2.50	No. 3 $\frac{1}{2}$.	16-inch	6.00
No. 11.	16-inch	3.00	No. 4.	19-inch	7.50
No. 13.	18-inch	4.00	No. 5.	22-inch	9.50

Thermometers, Greenhouse. Each, 85c.

Thermometers, Self Registering. Each, \$4.00.

Thermometers, Hot Bed. Each, \$3.00.

Torch for burning caterpillars' nests. Asbestos, 65c; Peerless kerosene, \$1.25.

Tree Scrapers. Best steel, 10 and 20 inch handle, \$1.00.

Trowels, Garden. Solid Steel, 7 inch. Each, \$1.00.

Trowels, Garden. No. 215. English, 6 inch. Each, 35c.

Trowels, Garden. No. 212. Steel, 6 inch. Each, 25c.

Twine, Jute. 2 or 3 ply, lb., 40c; 10 lbs. at 38c.

Watering Cans, Wotherspoon's. Long spout. For greenhouses. Round style. Heavy galvanized iron, 2 copper roses, 6-qt. size, \$3.75; 8-qt. size, \$4.00; 10-qt. size, \$4.25; 12-qt. size, \$4.75; 16-qt. size, \$5.25. Low style for greenhouses, 4-qt. size, 2 roses, \$3.00.

Wheelbarrow, Johnson's Excelsior. Substantially made. Length of body, 26 $\frac{1}{4}$ inches; width of body, wheel end, 18 $\frac{1}{2}$ inches; handle end, 23 inches; depth, 12 inches; steel wheel, 20 inch diameter. Weight, 40 lbs. Each, \$8.50.

Wotherspoon's oval cans at 35c each. Higher than the round style.

Water's Tree Pruners. With removable cutting blade and pole complete.

Each	10 feet	Each
4 feet	\$1.00	\$1.50
6 feet	1.35	1.55
8 feet	1.45	1.60

Extra Blades for Waters' Pruners. 25c each.

LANG'S

HAND WEEDER

HANDIEST

TOOL

ON EARTH.

Lang's Hand Weeder. Is in our opinion the best; its special feature a band which passes over the fingers, which, when the tool is not in use, gives full use of the hand for pulling weeds and thinning out plants without laying down the tool. Price, 25c each.



Pruning Saw



Triangular Pruning Saw



Grass Shears



Lawn Scythe



Rubber Sprinkler



Hedge Shears



Transplanting Trowel



Grass Border Shears



Excelsior Weeder



Hazeltine Weeder



Magic Weeder



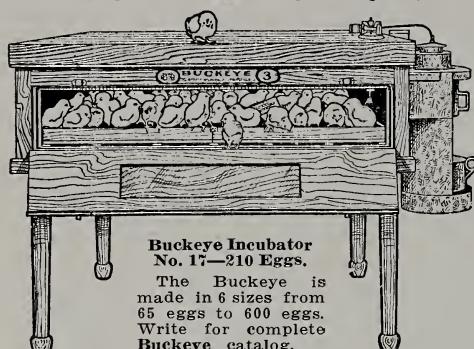
Trowel, Solid Steel Shank

Excelsior Weeding Hook. Can be used to great advantage among small and tender plants. Price, each, 15c; doz., \$1.25.

Buckeye Hot Water Incubators

We are the sole agents for Cleveland and vicinity for the Buckeye Incubators, Brooders, Hovers, etc. The Buckeye Incubator is the best hot water heated machine on the market, and has the benefit of twenty-four years of practical demonstration. The boiler, hot water tank and tubes are made of pure copper and will last for an indefinite period. The case is made of California redwood, and is beautifully finished. Every part of the machine is mechanically perfect, and in simplicity of construction and in ease of operation it far excels any hot water machine now offered to the public. That the manufacturers themselves have absolute confidence in the product is clearly shown by the very liberal guarantee of five years given by them to every purchaser of a Buckeye Incubator.

No. 14—65 Egg Size (short legs)	\$15.00
No. 16—120 Egg Size	23.50
No. 17—210 Egg Size	32.50
Other sizes up to 600 Eggs, and priced up to \$95.00.	



Buckeye Incubator
No. 17—210 Eggs.

The Buckeye is made in 6 sizes from 65 eggs to 600 eggs. Write for complete Buckeye catalog.

Being CLEVELAND AGENTS FOR THE BUCKEYE LINE, we can supply all of their accessories such as THERMOMETERS, GAS LAMPS, THERMOSTATS, EGG TRAYS, EGG TESTERS, etc.

Simplicity Hatchers

The Simplicity—the wonderful "no-cold-corners" incubator—is better than any square incubator made. Its circular, hot water, heavy copper radiator entirely surrounds the egg chamber. Heats uniformly from all angles towards the center. Every egg receives uniform and accurate heat.

By its wonderful system of moisture control it hatches strong, vigorous chicks and will hatch every hatchable egg.

So simple in construction, so easy to operate, so accurate in regulation, a child can secure successful hatches.

Made entirely of metal, can be scalded and sterilized instantly. It is built to give results and will last a life time. Fully guaranteed. You take no chances when you buy the Simplicity. The world's Greatest Hatcher. All copper tanks. Prices, 50-egg, \$15.00; 100-egg, \$23.00; 150-egg, \$26.00.

Reliable Oil Heated Hover

You can always get coal oil, but cannot always get hard coal. You can get any amount of heat with these hovers that is needed at all times and The Automatic Regulator will take care of all surplus heat by regulating the flow of oil, thus saving fuel.

It will do better work than the coal burning brooder, with less trouble, less risk of fire going out and with equal success of comfort of chicks entrusted to its care and with less cost.

There is no dirt, no ashes to remove, no noise pouring coal in stove to disturb or scare the chicks.

By using the Reliable Blue Flame Wickless Oil Heated Colony Hover, you save time, money and trouble and your chickens will grow faster, get heavier and thrive because this hover will take the very best care of them and keep them comfortable, happy and healthy.

No. 00—18 inch Hover, capacity, 200 chicks, \$7.50.

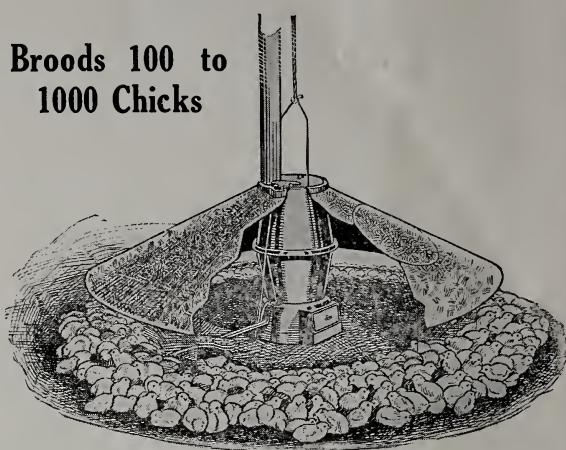
No. 0—30 inch Hover, capacity, 350 chicks, \$16.50.

No. 1—42 inch Hover, capacity, 500 chicks, \$18.50.

No. 2—52 inch Hover, capacity, 1,000 chicks, \$22.00.

The Standard Colony Brooder

Broods 100 to 1000 Chicks



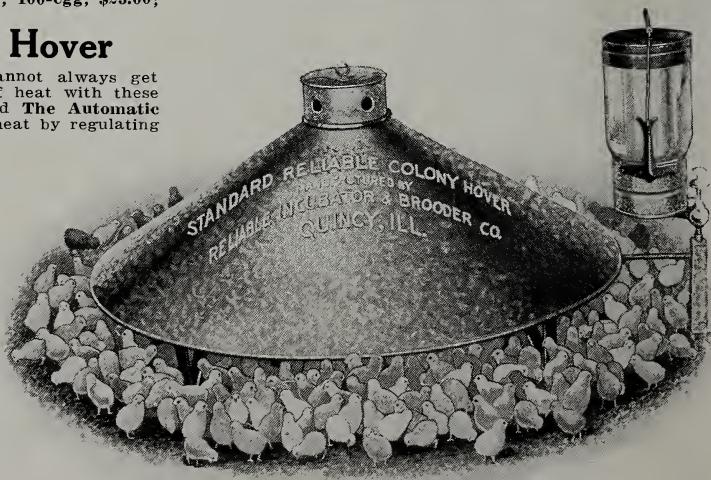
THE GREATEST COAL-BURNING BROODER EVER INVENTED. Self-Feeding, Self-Regulating, Everlasting. Heavy cast-iron stove that requires coaling but once every 24 hours in any temperature. Fifty-two-inch hover that will positively brood 1,000 newly hatched chicks.

The Standard Colony Brooder is the most practical brooding device ever invented. It will do anything and everything that any other brooder will do, and do it better. It is infinitely more satisfactory than brooders selling at twice the price. We are so positive that it cannot fail that we will permit you to try one for thirty days and Write Your Own Money-Back Guarantee. We furnish two sizes. No. 18, \$19.75; No. 19, \$23.75.

Ask for illustrated "Standard" catalog.



Simplicity Hatcher.



STANDARD RELIABLE COLONY HOVER
MANUFACTURED BY
RELIABLE INCUBATOR & BROODER CO.
QUINCY, ILL.

Poultry Supplies



Chick Feed Troughs

These troughs are very convenient for feeding flocks of growing chicks. The trough is made on a half circle so that every bit of feed can be easily eaten out of it. 10-inch trough, 35c; 20-inch trough, 50c. Add 10c each for postage.

Chick Grit and Shell Box

Growing chicks should have grit, oyster shell and charcoal always before them; and for this purpose our Chick Grit and Shell Box is indispensable. Height 7½ inches, width 6 inches, depth (front to back) 4 inches at bottom, and 2 inches at top. 60c. Shipping weight, 2 lbs. Larger size, \$1.25.



Standard Grit and Shell Box

This Grit and Shell Box has slanting front, inclined top and round bottom to trough. Just the thing to hold oyster shell, charcoal and grit for a small flock of fowls. Each, \$1.25. Weight, 2 lbs.



Dry Mash Hopper

The door hinged on the front is raised, as shown in the cut, for the fowls to eat; but when it is let down it closes the hopper up completely, making it rat, mouse, and dust proof. The Economy hopper is 18½ inches high, and 6½ inches wide, and made in two lengths. No. 1 Economy Dry Mash Hopper, 12 inches long, one compartment, \$2.35. Shipping weight, 7 lbs. No. 2 Economy Dry Mash Hopper, 24 inches long, two compartments, \$3.50. Shipping weight, 13 lbs.



Conkey's Poultry Remedies HAVE YOU A CONKEY CORNER IN YOUR POULTRY HOUSE?

With Conkey's Poultry Remedies and Tonics at your elbow you can laugh at disease. They are made in Cleveland and we guarantee every one to satisfy you or we'll refund your money quick. Ask for a copy of Conkey's 80-page Poultry Book. It's full of poultry information.

We have space on this page to list but a few of the many items we carry in the leading Poultry Foods and Supplies.

O. K. Exerciser Feeder

This is one of our leaders for 1920. It is exceptionally good value for the price. The hopper holds 12 qts. The O. K. Exerciser is perfectly weather proof and will compare favorably with any exerciser sold at less than two dollars. Each, \$2.00.

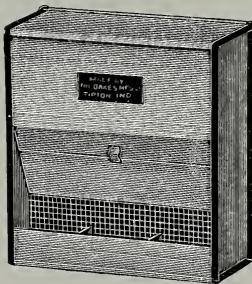


Round Pigeon and Chick Hopper

Made of galvanized steel and the galvanized wire grating is adjustable, up and down, to regulate the feed, which is automatic. A neat, practical, and durable hopper. Height, 13½ inches; diameter of hopper, 7½ inches; diameter of pan, 10½ inches. \$2.50. Shipping weight, 8 lbs.



O. K.
Exerciser
Feeder.

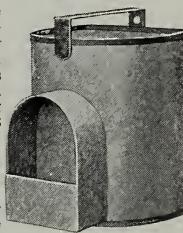


Rectangular Chick Feed Hopper

This hopper is designed for young chicks, and made to either stand on the floor or ground, or hang against the wall. It is divided into three equal compartments holding about four quarts altogether. Each, \$1.40. Shipping weight, 3½ lbs.

Sanitary Wall Fountain

These fountains are very convenient to handle and more sanitary than the ordinary kind.



A hood projects over the water trough and protects the water from getting soiled. The back is flattened for ease in hanging up. 1-qt. size, 60c, shipping weight, 1 lb.; 1-gal. size, \$1.00, shipping weight, 3 lbs.; 2-gal. size, \$1.25, shipping weight, 5 lbs.

Drop Bottom Fountains



In this style of Drinking Fountain, the pan which forms the trough from which the fowls drink is hinged at the back and fastened by a brass latch in front. The hood over the trough prevents falling dust and dirt from getting into the water; and when the bottom is turned back, the inside of the fount can be easily cleaned out and kept in sanitary condition. 2-qt, \$1.15, shipping weight, 2 lbs.; 1-gal., \$1.30, shipping weight, 3 lbs.; 2-gal., \$1.60, shipping weight, 5 lbs.

Poultry Punches

The Pettey Poultry Punch for marking chicks by punching the web of the feet, is made of steel, nickel plated. It is substantially made, cuts a clean hole, and is convenient to use. Each, 25c.

Rat Corn

Kills the rats in your poultry yard without odor. It mummifies them. Small can, 25c; medium size, 50c; large size, \$1.00, postpaid.

Kant-Klog Hand Sprayer

This is very handy for applying Lice liquid. Conkey's Novicide on the fowl. Anti-Fly Pest, also poison for potato bugs, tobacco, tomato and currant worms, and all plant insects. Each tested before it leaves the factory. Price, each, 60c. Mailing weight, 2 lbs.

Vermilax Dog Remedies

To keep dogs of all ages, well, requires study of the methods and familiarity with the remedies used by experienced breeders and kennel owners. The easiest way to get an adequate understanding of dog diseases, their symptoms and how to treat them is to read Dr. Delaney's "Handbook on Dog Diseases," a copy of which is free on request.

Johnson's High Grade Lawn Seed



Johnson's Reliable The Best for General Purposes

Our Reliable Lawn Grass Seed is the cleanest, heaviest, cheapest and best, because it is made up of Extra Re-cleaned Seeds of the finest varieties of grasses, each of which has its season of beauty and the result is the production of a sod that is always evergreen and velvety. Many of the finest lawns of our city are seeded with Johnson's Reliable Lawn Grass, the preparation of which is a specialty with us. Less seed of Johnson's Reliable is required than of any other brand. Hence it is economical in the end. 1 lb. will sow 400 square feet. Lb., 40c; 5 lbs., \$1.75; 10 lbs., \$3.25; 20 lbs. (1 bu.), \$6.00; 100 lbs., \$27.00.

Johnson's Quick Growth

A special mixture of seeds which is especially useful where for some reason or other the seed cannot be sown in early Spring. Our Quick Growth mixture will cover the ground like magic, but later on produce a permanent and beautiful sod. Lb., 35c; 5 lbs., \$1.50.

Johnson's "Shady Spot"

This is a very high grade mixture of grasses which naturally grow in shady spots. Before sowing in such places, it is well to rake off the surface thoroughly and then apply air slaked lime at the rate of one bushel to every 1,000 square feet. Use one pound of seed for every 300 square feet. Lb., 45c; 5 lbs., \$2.00; 10 lbs., \$3.50.

Golf Links Mixture

Made up from varieties of grasses perfectly adapted to rough usage. Will produce a beautiful, thick, tough lawn in a short time, and will maintain its appearance better than others in spite of wear and dry weather. For Golf Links this mixture is equal if not superior to many Golf Links grasses now in use. Per lb., 55c; 5 lbs., \$2.25; 10 lbs., \$4.00; bu. (20 lbs.), \$8.00.

Grass Seed Mixture for Terraces

A mixture of strong, deep-rooted grasses for banks or terraces. Although the grasses are strong and deep rooted, they will produce a fine green, velvety surface and also prevent washing away during heavy rains. Lb., 60c; 5 lbs., \$2.50; 10 lbs., \$4.50.

High-Grade Fertilizers

Ground Bone Fertilizer

Stable dressing is unpleasant to handle and always contains more or less weed seeds. There are no weed seeds in this fertilizer. It will impart to your lawn that much desired dark green and velvety appearance. Should be applied as a top dressing either in Spring or Fall. 2 lbs., 15c; 10 lbs., 65c; 25 lbs., \$1.25; 100 lbs., \$3.50; 200 lbs., \$6.50; 500 lbs., \$16.00; 1,000 lbs., \$31.00; ton, \$60.00.

Garden and Lawn Fertilizer

25-lb. bag for 2,500 square feet of lawn or 1,200 square feet of garden, \$1.50; 50-lb. bag for 5,000 square feet of lawn, or 2,500 square feet of garden, \$2.75; 100-lb. bag for one-fourth acre of lawn, or one-eighth acre of garden, \$4.00.

Sheep Manure. Apply 1,000 lbs. per acre. For garden, lawn or greenhouse use nothing surpasses Sheep Manure; it is clean and easily handled, besides giving immediate results. 2 lbs., 15c; 5 lbs., 30c; 10 lbs., 50c; 25 lbs., \$1.10; 50 lbs., \$2.00; 100 lbs., \$3.50; 500 lbs., \$15.00.

Nitrate of Soda. Lb., 15c; 5 lbs., 60c; 10 lbs., \$1.10; 25 lbs., \$2.50; 50 lbs., \$4.50; 100 lbs., \$8.00.

Agricultural Hydrated Lime

It supplies the element calcium to plants; it makes "sour soil sweet," changes an acid condition to a slightly alkaline one; it has the power to shrink clay and adobe soils, making a larger number of crumbs from a sticky mass; it prevents packing, baking and cracking, makes cultivating easier; it promotes the normal decay of organic matter in the soil, preventing the accumulation of poisonous matter; it promotes the change of nitrogen in organic matter into available nitrates, liberates and places at the disposal of plants potash and phosphoric acid already in the soil. It destroys fungus and the germs of insect life that infest the soil. Hydrated Lime, because of its fineness, high calcium contents and concentrated condition, is the ideal agricultural lime and the most economical on the market. Use one-half less than other forms of lime. In sacks weighing 50 lbs. (per sack, 75c). Delivered anywhere in the city. Write for prices in ton lots.

Beware of Stable Manure. It will fill your lawn with weeds and cause you many times the cost of a good commercial fertilizer such as Sheep Manure or Bone Dust.

JOHNSON'S SEED STORE

1233-35 East Ninth St., Near Prospect.

Cleveland, Ohio

Bell Phone, Prospect 3099-Ohio State, Central 3276